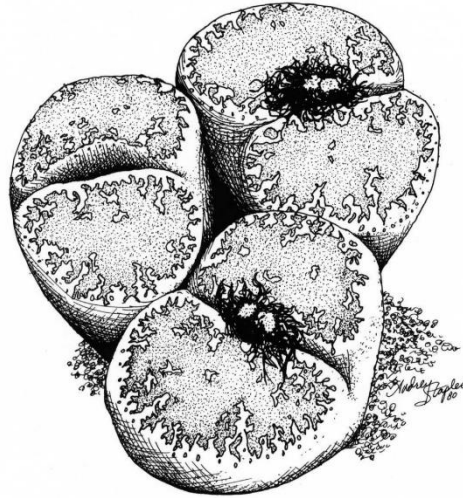


A HISTORICAL RECORD
of
AUTHORS
of
CACTUS & SUCCULENT



Lithops Species

“PLANT NAMES” & “BOOKS”

[with other ‘limited’ historical data]

for the AMATEUR Hobbyist

Volume 1: Introduction & A-K

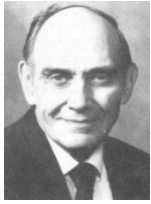
February 2024

Compiled by: Charles (Chuck) J. Staples
Des Moines, Iowa USA

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This 2024 copy contains mostly historical data **from my 2013 book** plus some additions, corrections and pictures of many of the important Succulentists that I have in my files == **not a data revision.**

This historical record is dedicated to the memory of Dr. LAWRENCE [Larry] WALDIMER MITICH 1927-2000



Succulentophile, friend, CSSA fellow and historian from 1960s who I met in 1985 & who felt the cactus and succulent hobby needed a historical record of authors of plant names and books. His early encouragement in 1998, and his biographical research was greatly appreciated. His untimely death leaves a hole in this project due to the historical biodata he had at his fingertips.

Chuck Staples, a historian from about 1995. I was appointed CSSA Historian in 2005 by CSSA President Dan Mahr.

SPECIAL CREDITS



Professor Dr. Leonard (Len) E. Newton (Kenya & England): Succulentophile, friend and fellow historian. His greatly appreciated review of this project started in 2004 with much biographical data on many book authors. As a succulent plant and people historian in his own right, his vast knowledge of many authors of both books and plants made the information in this record significantly better. The 2004 book "Etymological Dictionary of Succulent Plant Names" by him and Urs Eggli has been a major help.

†Gordon D Rowley (Eng): Project review, helpful suggestions and much needed encouragement in 2004 to finish this project. I finally did finish this project in 2013.

†Charles (Chuck) H Everson (US): His personal 1999 cactus & succulent library list from his many years of book retail business; loan of old books and material; editing; suggestions.

Roy Mottram (Eng): His personal 2005 succulent library CD listing from over 15 years of collecting and recording biographical and bibliographical material.

Brian F Bates (Bolivia): Biographical data for people who discovered species in South America, especially in Bolivia — and his computer database of people.

†Patrick (Pat) J Fusaro (US): Research and loan of some old CSSA Journals back in the early years of this project.

Audrey H Staples [daughter] (US): Art work on the two-volume cover pages and elsewhere in body of my two-volume book.



Help with research, proofreading and/or suggestions:

†Lee Miller (US).

(Dr) Robert (Rob) S Wallace (US).

†(Dr hc) (Des) T Cole (RSA).

† (Dr) Heidrun (Heidi) EK Hartmann (Ger).

† Myron Kinnach (US).

(Dr) Kanchi N Gandhi (US).

Estelle Brink (RSA).

†Peggy (Peg) M Spaete (US).

Carol P Clapp (US).

Michael Lange (Ger).

Andrew (Andy) Charles Staple (son) (US).

Connie Fay Staples [spouse] (US).

FOREWORD

Many people see a hobby as a form of escapism. When we are pottering around in our greenhouses or out in the garden, the rest of the world is forgotten. Our concentration is on looking for signs of new growth, of flower buds, or of mealy bugs. How many cups of tea, or even whole meals, have grown cold because we were lost in our thoughts amongst our beloved plants? However, our hobby of growing succulent plants (in which term I am including cacti) is part of the real world, and numerous other people are involved. Someone originally discovered a plant species, someone described and named it, and someone eventually wrote a monograph or flora including an account of that species. Who are (or were) these people? That is the question **Chuck Staples** sets out to answer in this book.

Several earlier writers have shown an interest in historical aspects of our plants. I well remember that when I first acquired the second edition of *The Stapelieae* by Alain White and Boyd L. Sloane (1937), and *The Aloes of South Africa* by Gilbert W. Reynolds (1950), I was fascinated by the introductory chapters on the history of exploration, collecting and publishing. Living in Kenya, I thoroughly enjoyed Susan Carter's series of articles in *The Euphorbia Journal* (1983–1994), giving a historical survey of the discovery of East African euphorbias. Then came the magnificent book *A History of Succulent Plants* by Gordon Rowley (1997). Detailed articles on individuals have appeared from some authors, including Larry Mitich, Ceri Jones (on Edith Cole), Mike Kimberley, David Parker (on F.A. Walton), Gordon Rowley and Colin Walker, and I have penned a few myself, but these mostly deal with the more prominent personalities. Very often, however, people from the past are mentioned in literature with little or no biographical information, and in some cases without even a forename. Many a new plant was described and given a commemorative name, without the author saying anything about the person after whom the plant was named. Even obituaries frequently give no indication of the date of birth or occupation of the deceased.

When I first saw a draft copy of Chuck's book in 2004, the *Etymological Dictionary of Succulent Plant Names* had been in print for just a few months. Urs Eggli and I had spent a couple of years hunting for biographical information on people for whom plants had been named, sometimes centuries earlier. I was full of admiration for what Chuck had achieved without the library resources that Urs and I had, in my case including several weeks of overseas leave spent in the extensive library of Kew Herbarium. In his first e-mail to me, Chuck already filled a few of the gaps in the *Etymological Dictionary*. In later correspondence I discovered that he and his wife Connie are dab hands at searching the Internet, and I was amazed at what they had managed to find out about people who had lived long ago in various countries, just by sitting at their home computer.

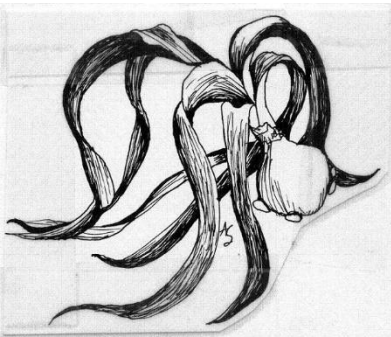
Before starting to use this book, the reader should stop for a moment to think of the patience and industry of its author. He waded through the six volumes of the *Illustrated Handbook of Succulent Plants*, plus the *New Cactus Lexicon*, and sorted over 10,000 plant names under names of the people who had described them. He then went further, to find out who had actually discovered a plant. For each person involved with discovering or describing a plant, there followed a search for biographical data. He then went through many bibliographies and library lists to compile a list of authors of books, booklets and substantial pamphlets on succulent plants, and he also sought biographical data for those authors. This immense labour has produced a unique reference work, of encyclopaedic size and quality.

Even without claiming to have an interest in history as a subject, most of us are curious about other people, and would like to know about personalities of the past associated with our plants. Apart from its value as a reference for anyone trying to find out about particular individuals, Chuck's book will give hours of pleasure to anyone casually browsing in its over 1,300 pages. We owe a great debt of gratitude to Chuck for undertaking this vast project, originally just for his own interest, and now making the fruits of his labour available in this remarkable publication.



Dr. Leonard E. Newton, England

INTRODUCTION



Ornithogalum caudatum (false sea-onion or healing onion)

The cactus and succulent (c&s) hobby began for me (**Chuck Staples**) in 1978 when my brother brought a truckload of mostly Mexican bare root cacti from wholesale dealers in southern Texas (near the Mexican border) to Des Moines, Iowa, to sell to retail greenhouses in this area. Then and over the next few years I ended up with plants he didn't sell plus first choice in some wonderful c&s plants. By the following year I had to build a heated greenhouse to house the many plants from our winter weather. Learning to grow mature bare root plants by the seat of my pants, I lost most of them along the way. In 1979 I joined a c&s club here in the Des Moines area and by 1980 the national CSSA.

By the mid 1990s I began to wonder who people were with abbreviated names (author citations) behind plant names in books about c&s plants. I wondered if I could find out who they were, some information about them and why they were listed behind plant names. I learned that they were the people that technically described plant names. I also found out that a good many of these people wrote books, booklets, pamphlets, etc. about the plant hobby.

The brief Bibliography of 'The authors of cactus names' in back of the 1986 English edition of the book "The Encyclopedia of Cacti" by Willy Cullmann, Erich Götz and Gerhard Gröner gave me the idea of compiling a record of the people that wrote books and/or gave the plants their names. I decided I wanted to include information about people themselves; like *full given name*, *year of birth* and *year of death* (when applicable) along with brief biographies. My goal has been to obtain as much information as I can about these people and keep it as brief as possible. It's amazing where some of this information comes from; tidbits here and there from people around the world, computer web sites, various old and new books, journals, etc..

I found it interesting in books by Gilbert W Reynolds, Nathaniel L Britton & Joseph N Rose, and Alain C White & Boyd L Sloane to find out that in many instances they listed people that discovered plants and/or people that plants were named in honor of. From a historical standpoint I decided to include these people in this record.

Using a medium sized English language library of books and journals my spouse, Connie, and I have, I started compiling this record of authors (in alphabetical order) of c&s 'plant names' and 'books' in early 1998. My background consists of university Bachelor of Science degrees in mathematics and history. I do not have a background in either Latin or Greek languages or in botany, but have learned a little along the way.

The computer is an amazing tool for this project.

Other than a few exceptions, I made no attempt to include all synonyms of a plant species. However, when necessary, I did attempt to include the earliest published name (the basionym) by an author when the plant is later transferred into another genus by that author or another author when the specific epithet remained basically the same. If the same author discovered, described and/or transferred a plant name I only show the information once under that author. Otherwise, it is listed under each author.

I did not include literature reference material of technically described plants since this historical record is not necessarily meant to be reference material for only the botanist or technically serious plant person. My record is intended for all cactus and succulent hobbyists who want to know more about the history of authors of these plants and books written. I wanted this record to be as complete as I could make it from the information that I had at my disposal. 'What you see is what you get!'

The International Plant Names Index (IPNI) web site was a tremendous help in verifying and completing information for this record. IPNI is a computer database of plant names and associated basic bibliographical details that include all seed plants. The Harvard Univ Herbarium Index of Botanists (HUH) website was a great help, also, along with other herbarium web sites.

For plants described I included

- a) the plant name,
- b) its natural habitat locality,
- c) year described,

d) who discovered the plant, and
e) sometimes who the plant was named after,
where applicable and available to me. Most of this information was taken from books, booklets, journals, pamphlets, newsletters and other sources.

In the front part of this record is a list of many localities (countries, states of, provinces of, depts of, etc.) that should help show where the plant can be located in the world.

For books written I included

- f) the year published,
- g) the name of the book,
- h) where published,
- i) language the book is written in, and
- j) the number of pages in the book,



to the extent I could determine each item. If more than one book was written by an author the books are in order of 'year published'. Books do not necessarily agree with each other on information about a plant, or even about other books. I tried to take this into account and made a best guess at times. In addition to sizable books, I have included smaller items that are independently published books, booklets and pamphlets along with a few circulars and papers.

This historical record is not intended to be all inclusive of every book written about cactus and/or other succulent plants, nor is it intended to include every such plant described. Hybrid and cultivar plant names are not included in this record.

Surnames with prefixes, e.g., 'de' Candolle or 'van' Jaarsveld, are listed alphabetically in this record under both the prefix and the surname; however, information pertaining to each in most instances is contained under the surname, with the prefixed surname as a cross reference only. If a forename (or nickname) is highlighted it is my attempt to include the preferred forename in everyday usage.

When more than one person is associated with a plant name or a book written, reference to other person(s) where I use forename 'initials' and full surname refers (as a general rule) to that person or persons as having that information listed also under their name(s) in this record.

For biographical information of authors I made an attempt to include (when I could find it):

- a) full name (surname & all forenames),
- b) date of birth (and death, if applicable),
- c) IPNI author 'citation' (if applicable),
- d) country author is from & primary interests,
- e) highest Univ degree & year (if applicable),
- f) profession-occupation (where?, years started & stopped),
- g) if explored c&s in habitat – where? dates?,
- h) various awards given (primarily cactus and succulent plant related, if any) and dates,
- i) cactus and succulent plant related organizations became a member of & dates joined,
- j) spouse maiden name & date of birth (& death, if applicable),
- k) and various other items of interest.

An attempt is made to keep the biographical data (biodata) of an author as short as possible, but with enough information of interest to all readers. When using the words 'explored' and/or 'collected' in this book, the general meaning is as to a botanical explorer and/or collector of at least some cacti &/or other succulent plants.

So many changes have been made in plant names over the years, I had to decide which authority to use in compiling this record. Therefore, I chose the 6 *Illustrated Handbooks of Succulent Plants* published from 2001 to 2003, *Cotyledon & Tylecodon* (2004) and *The New Cactus Lexicon* (2006), as the basis for plant names. These are likely to be used as the standard references for several years, even though the generic classification in these books is sometimes controversial and some species are regarded by many people as controversial borderline succulents. The 2004 book *Etymological Dictionary of Succulent Plant Names* by U Eggli & LE Newton has been a great help with plant genera and species named in honor of people.

I started this project as a personal quest to know more about some of the people that contributed to this hobby, and record it. It soon became a daily obsession to complete it as far as I could. I have enjoyed compiling the information from many sources.

I wish to give credit to all book authors (past and present) that provided much information in compiling this record. You and your books are listed in front part of this record. Thank you.

I also wish to give credit to the numerous computer web sites (IPNI, HUH, etc.) that provided biodata and plant information in compiling this record. Thank you.

Last but not least, I want to thank all those individuals from around the world that responded to my requests for biodata about themselves and other people. Your help is greatly appreciated. Thank you.

Hopefully, this historical record will be of some use to succulentophiles (including cactophiles). Comments are welcome.

Charles [**Chuck**] Jimmy Staples (1932-);
3417 Bel Aire Rd., Des Moines, Iowa 50310-4910 USA
E-mail: charlesjstaples@msn.com.

Member of Mid-Iowa C&SS 1978~, Newsletter Editor 1979-2008 & Hiistorian.

Member of Cactus & Succulent Society of America, Inc. (CSSA) 1980~, recipient of CSSA Superior Service 2003 and Fellow 2015 awards, and named CSSA Historian 2005.



HISTORICAL ODDS & ENDS

The **British**: The first published recognition of succulent plants as a group dates from 1619 (GD Rowley 1976).

The **International Organization for Succulent Plant Study (IOS)** was organized in 1950 as a Commission of the International Union of Biological Sciences by H Michael Roan, Hans Krainz, Louis F Vatrican and Willy Cullman. The first IOS Congress was held in Zürich, and others followed biennially (with a few exceptions). The first *Repertorium Plantarum Succulentarum* recording all new names of succulent plants each year was published in 1950 with H Michael Roan as Editor. The first printed *IOS Bulletin* appeared in November 1961 with BK Boom as editor. It was preceded by mimeographed bulletins 1958-60 and IOS Circulars 1955-57. The first *Cactus d'Or* statuette in solid gold was awarded to Werner HH Rauh in 1978 by Princess Grace of Monaco. This award is given to a person for extensive research that has contributed to the extension of knowledge of succulent plants.

The **Cactus and Succulent Society of America, Inc. (CSSA)** was organized in US in January 1929 with Arthur D Houghton as president. The first *Cactus and Succulent Journal* began on a monthly basis 1 July 1929, with Scott E Haselton as editor; changing to a bimonthly basis on 1 January 1949. The first affiliation of a local cactus group was established in 1931 by James West as the Cactus & Other Succulent League of Oakland, Calif. The first *Convention* was held in St. Louis, Missouri, in 1941. The first *Fellow* award was given to Robert T Craig in 1940. This award is given to a person for outstanding achievements in the world of cacti and other succulents. CSSA is made up of many regional *Affiliates*.

The **Cactus and Succulent Society of Great Britain (CSSGB)** was organized on 8 March 1932 with Sir William MT Lawrence as president. CSSGB ceased to meet from 1939 to 1946 due to the World War II years. CSSGB merged with NCSS on 31 December 1982. The first *Cactus and Succulent Journal of Great Britain* began on a quarterly basis in September 1932 with Vera Higgins as editor. This society did not have *Fellow* awards. CSSGB was made up of many regional *Branches*.

The **National Cactus and Succulent Society (NCSS)** was organized in August 1945 with Mr W Hays as president. NCSS merged with CSSGB on 31 December 1982. The first *National Cactus and Succulent Journal* began on a quarterly basis in September 1946 with H Michael Roan as editor. *Fellow* awards were given in this society 1946– 1982. This award was given to a person by NCSS for outstanding achievements in the world of cacti and other succulents. NCSS started out as *The Yorkshire Cactus Society* in August 1945 before changing its name prior to the September 1946 journal to NCSS. Two issues of *The Yorkshire Cactus Journal* were issued in March & June 1946 with HM Roan & F Ives as editors, and the first issue of NCSS journal in September was labelled Vol 1, No 3. NCSS was made up of many regional *Branches*.

The **British Cactus and Succulent Society (BCSS)** was organized on 31 December 1982, as a merger between CSSGB and NCSS, with Gordon D Rowley as president. The first *British Cactus and Succulent Journal* began on 1 January 1983, with William C Keen as editor. The first *Fellow* award was given to R Brian Ivimey-Cooke in 1983. This award is given to a person by BCSS for outstanding achievements in the world of cacti and other succulents. BCSS is made up of many regional *Branches*.

Prior to 1900: The known cactus societies and journals were (GD Rowley (1983 & 1989):

Cactus Societies

- 1887 — Antwerp, Belgium Succ Club, first pres L de Smet.
- 1889 — Baltimore Cactus Soc (Maryland, US), first pres JA Becker.
- 1891 — Deutsche Kakteen-Gesellschaft (German Cactus Society).
- 1892 — Cincinnati Cacti Club (Ohio, US).
- 1895-1900 — National Cactus Soc (Eng), first pres John W Singer.
- 1895-1900 — St. Louis Cactus Association (Missouri, US).

Cactus Journals

- 1891- — *Monatsschrift für Kakteenkunde* = "Monthly journal of cactus information" (German Cactus Journal), first editor KM Schumann.
- 1894-96 — *The Baltimore Cactus Journal* (Maryland, US), first editor AM Cordray & pub by FW Lantz.
- 1896-97 — *The Sharon Cactus Guide* (Pennsylvania, US), first editor Fred W Heinz (see FW Lantz).
- 1898-1900 — National Cactus Soc *Cactus Journal* editor FA Walton.

It is noteworthy to mention that the German Cactus Journal is the longest running journal of all journals devoted to succulent plants, with the exceptions of a few years in the 1940s due to World War II. There have been several name changes since the start in 1891, and it is currently called *Kakteen und andere Sukkulanten*

Countries (Departments of, Provinces of, States of, etc.) used throughout this 2- volume book records.

I always wondered where the plants were located, so here is a listing of most of those

countries, etc.

you might want copies of
**Abbreviation & Symbols handy from
pages 19-21 for this section.**

ABYSSINIA: See ETHIOPIA.

ADEN PROTECTORATE (s Arabia):
See YEMEN.

AEGEAN ISLANDS: A group of islands in the Aegean Sea (an arm of the Mediterranean Sea) between Turkey & Greece.

AFGHANISTAN: A country in central Asia surrounded by Iran, USSR & Pakistan.

AFRICA: A continent between

Atlantic & Indian Oceans — s of European continent.

AGUASCALIENTES: An interior state in central Mex, surrounded by states Zacatecas & Jalisco.

ALASKA: A state in US in nw corner of N Amer along Pacific Ocean separated from mainland western US by Canada.

ALABAMA: A state in se US.

ALBANIA: A country in s Europe along Adriatic Sea surrounded by Yugoslavia, & Greece.

ALGERIA: A country (of departments) in nw Africa.

ALPS: Range of mtns in central & s Europe through mostly s France, n Italy, Switzerland, Lichtenstein, Ger, Austria & Yugoslavia. This range includes

(1) Apennines mtn chain in

(2) n Italy down the peninsula into Sicily,

(2) Atlas Mtns in nw Africa between Tunisia & Morocco,

(3) Carnic Alps range in s central Europe between Italy & Austria,

(3) Dinaric Alps mtns in

(4) se Europe from ne Italy

(5) .se into n Albania,

(6) Dolomites Alps range in n Italy,

Lepontine Alps range in s central Europe between Italy & Switzerland,

(7) Pindus Mtns in nw Greece into Albania.

AMERICA: N, Central & S Amer, including West Indies.

AMAZONAS A: An interior adm div in n Peru next to Ecuador & surrounded by adm div Loreto, San Martin & Cajamarca.

AMAZONAS B: A state in nw Brazil next to Venezuela, Colombia, & Peru & surrounded by states

Acre, Rondonia, Mato & Para.

ANCASH: An adm div in Peru along Pacific Ocean surrounded by adm div La Libertad, Huanuco & Lima.

ANDES: Mtn range in S Amer of some 5,000 miles along Pacific Ocean.

ANGLO-EGYPTIAN SUDAN: See SUDAN.

ANGOLA: Country in s Africa along Atlantic Ocean surrounded by Democratic Rep of the Congo, Zambia & Namibia.

ANTIGUA: An island in Lesser Antilles of West Indies.

ANTILLES: The Greater & Lesser Antilles. See WEST INDIES.

ANTOFAGASTA: A region in n Chile along Pacific Ocean, next to Bolivia & Argentina & between regions Tarapaca & Atacama — includes the coastal Atacama Desert.

ARABIA: See SAUDI ARABIA.

ARABIAN PENINSULA: Desert peninsula in extreme sw Asia, includes Saudi Arabia, United Arab Emirates, Oman & Yemen, surrounded by Jordan, Iraq, Persian Gulf, Gulf of Oman, Arabian Sea, Gulf of Aden & Red Sea.

ARGENTINA: A country (of provinces) that occupies most of the tapering s portion of S AMER along Atlantic Ocean, surrounded by Brazil, Uruguay, Bolivia, Paraguay & Chile.

ARIZONA: A state in sw US next to Sonora in Mex & surrounded by states Calif, Utah & New Mex.

ARMENIA: A country in western Asia between the Black & Caspian seas, surrounded by Turkey, Georgia & Azerbaijan.

ASIA: A continent bordering Europe continent at Ural Mtns & bordered by Arctic, Pacific & Indian Oceans — includes islands of Japan, Philippines & Malaysia.

ASIA MINOR: Westernmost peninsula of Asiatic continent (containing mostly Turkey) between

Black Sea & Mediterranean Sea.

ATACAMA: A region in Chile along Pacific Ocean next to Argentina & between regions Antofagasta & Coquimbo — includes Atacama Desert & city of Copiapo.

AUSTRIA: A country in central Europe n of Italy & Yugoslavia.

AUSTRALIA: A country of states (continent in Southern Hemisphere se of Asia completely surrounded by oceans); includes the island of Tasmania; Indian Ocean on the west & Pacific Ocean on the east.

AZERBAIDZHAN: A country 1918~ changed to Azerbaijan 1991. See AZERBAIJAN.

AZERBAIJAN: A new country (1991) in Asia along Caspian Sea surrounded by Iran, Armenia, Georgia & Russia.

(Formerly AZERBAIDZHAN.)

AZORES ISLANDS: Archipelago of 9 islands (São Miguel, Santa Maria, Terceira, Graciosa, São Jorge, Faial, Pico, Flores & Corvo) in N Atlantic Ocean over 900 miles west of Portugal.

BAHAMAS (BAHAMA ISLANDS): See WEST INDIES.

BAHIA: A state in eastern BRAZIL along the Atlantic Coast surrounded by states Minas Gerais, Goias, Piaui, Pernambuco, Alagoas & Sergipe.

BAJA CALIF [or BAJA] : Long, narrow, arid peninsula in nw Mex between Gulf of Calif & Pacific Ocean & s of Calif in US. (This peninsula is made up of 2 MEX states == **Baja Calif Norte** (n half) & **Baja Calif Sur** (s half); both referred to as either BAJA CALIF or LOWER CALIF.)

BALKANS: An area in se Europe made up of these countries: Albany, Bosnia, Herzegovina, Bulgaria, Croatia, Greece, Macedonia, Montenegro, Romania, Serbia, Slovenia, Turkey & Yugoslavia.

BALUCHISTAN: An area in West Pakistan.

BANGLADESH: A country in s Asia between India & Pakistan 1971~;

BASUTOLAND: See LESOTHO.

BECHUANALAND: An area in n RSA next to Namibia & Botswana.

BECHUANALAND PROTECTORATE: See BOTSWANA.

BELARUS: A republic in western Asia — western Russia.

BELGIAN CONGO: See ZAIRE.

BELGIUM: A country in n central Europe along North Sea surrounded by France, Netherlands & Ger.

BELIZE: A country on eastern coast of Central Amer along Caribbean Sea surrounded by Mex & Guatemala. (known as **BRITISH HONDURAS** ~1973.)

BENI: A dept in n Bolivia next to Brazil surrounded by dept Pando, La Paz, Cochabamba & Santa Cruz.

BENIN: A small country in western Africa along Atlantic Ocean between Togo & Nigeria.

BERMUDA: British islands territory in Atlantic Ocean 600 off coast of s US.

BHUTAN: A country in s Asia surrounded by China & India.

BOLIVIA: A country (of departments) in central interior S Amer surrounded by Brazil, Peru, Chile, Argentina & Paraguay.

BORNEO: See INDONESIA.

BOTSWANA: Interior country in s Africa surrounded by RSA, Namibia, Angola & Zimbabwe. (Formerly known as BECHUANALAND.)

BRAZIL: Largest country (of states) in n central & eastern S Amer along Atlantic Ocean surrounded by French Guiana, Surinam, British Guiana, Venezuela, Colombia, Peru, Bolivia, Paraguay, Argentina & Uruguay. Only countries in S Amer not touching Brazil are Ecuador & Chile.

BRITISH BECHUANALAND: See BECHUANALAND.

BRITISH COLUMBIA: A prov in Canada along the Pacific Ocean

surrounded by prov Yukon, Alberta, US states Montana, Idaho, Washington.

BRITISH EAST AFRICA: See KENYA.

BRITISH GUIANA: See GUYANA.

BRITISH HONDURAS: See BELIZE.

BRITISH SOMALILAND: Formerly the s portion of Somalia. See SOMALIA.

BRITISH VIRGIN ISLANDS: See VIRGIN ISLANDS.

BUENOS AIRES: A prov in eastern Argentina along Atlantic Ocean surrounded by prov Rio Negro, La Pampa, Cordoba, Santa Fe & Entre Rios.

BULGARIA: A country in eastern Europe.

BURMA: See MYANMAR.

BURUNDI: A small country in central eastern Africa surrounded by Rwanda, Tanzania & Democratic Rep of the Congo.

BUSHMANLAND: An area located in nw Northern Cape prov next to Namibia & east of Richtersveld & Namaqualand.

BUSHVELD: A large region & ne part of RSA that includes Kruger Natl Park.

CABINDA [exclave of Angola]: An exclave in western AFRICA along Atlantic Ocean surrounded by Rep of the Congo & Democratic Rep of the Congo.

CAJAMARCA: An interior adm div in ne PERU next to Ecuador & surrounded by adm div Piura, Lambayeque, La Libertad & Amazonas.

CALIF: A state in extreme sw & western US along Pacific Ocean & next to Baja Calif in Mex.

CAMEROON [Cameroun]: A country in western Africa along Atlantic Ocean surrounded by Nigeria, Chad, Central African Rep, Rep of the Congo, Gabon, Equatorial Guinea.

CAMPECHE: A state in se Mex (in western portion of Yucatan Penin-sula that separates Gulf of

Mex & Caribbean Sea) along gulf of Campeche (Gulf of Mex) next to Guatemala & surrounded by states Tabasco, Yucatan & Quintana Roo.

CANADA: A country in N Amer between Pacific & Atlantic Oceans & n of US.

CANARY ISLANDS: A group of 7 primary islands (Fuerteventura, Gran Canaria, Hierro, La Gomera, La Palma, Lanzarote, Tenerife which makes up 2 provinces of Spain) about 65 miles off the ne coast of Western Sahara & Morocco, Africa.

CAPE: Largest prov of RSA along the western & s coast that includes EASTERN CAPE, NORTHERN CAPE & WESTERN CAPE.

CAPE VERDE ISLANDS: A group of islands in the Atlantic Ocean off nw coast of Africa near the Canary Islands.

CARIBBEAN ISLANDS: See WEST INDIES.

CATAMARCA: A prov in nw Argentina next to Chile surrounded by prov Salta, Tucuman, Santiago del Estero, Cordoba & La Rioja.

CAUCASIA [Caucasus]: An area between the Black & Caspian Seas; considered a boundary between Europe & Asia. Included herein is the Caucasus Mtns.

CAYMAN ISLANDS: See WEST INDIES.

CEDROS ISLAND: An island of Mex off central coast of Baja Calif in Pacific Ocean.

CENTRAL AFRICAN EMPIRE: See CENTRAL AFRICAN REP.

CENTRAL AFRICAN REP: A country in central Africa surrounded by Chad, Republic of the Sudan, Democratic Republic of the Congo, Republic of the Congo & Cameroon. (Formerly known as n portion of French Equatorial Africa & Central African Empire.)

CENTRAL AMERICA: Term used for that part of the N Amer mainland between Mex & Colombia in S Amer

& between Caribbean Sea & Pacific Ocean including Republics of Guatemala, El Salvador, Honduras, Nicaragua, Costa Rica, and Panama, together with British Honduras & the Panama Canal Zone.

CENTRAL KAROO: See GREAT KAROO.

CERRALVO ISLAND: AN island of Mex in Gulf of Calif off lower end of Baja Calif.

CEYLON: See SRI LANKA.

CHACO: An interior prov in n Argentina surrounded by prov Santiago, Salta, Formosa, Corrientes Misiones & Santa Fe.

CHAD: A country in central Africa surrounded by Niger, Libya, Sudan, Central African Rep, Cameroon & Nigeria. (Formerly known as CHAD TERRITORY.)

CHANNEL ISLANDS: A group of British islands: Jersey, Sark, Guernsey, Herm & Alderney – between Eng & France.

CHIAPAS: A state in se Mex along Pacific Ocean next to Guatemala & surrounded by states Tabasco, Oaxaca & Veracruz.

CHIHUAHUA: An interior state in Mex next to Texas & New Mex in US & surrounded by states Sonora, Coahuila & Durango.

CHILE: A long narrow country (of regions) along s Pacific Ocean coast of S Amer surrounded by Peru, Bolivia & Argentina.

CHINA (People's Rep of): A country of provinces in east Asia.

CHUBUT: A prov in s Argentina along Atlantic Ocean, next to Chile & between prov Rio Negro & Santa Cruz.

CHUQUISACA: A dept in s Bolivia next to Paraguay & surrounded by dept Tarija, Potosi, Cochabamba & Santa Cruz.

COAHUILA: An interior state in n Mex next to Texas in US & surrounded by states Chihuahua, Durango, Zacatecas & Nuevo Leon.

COCHABAMBA: A dept in central Bolivia surrounded by dept Santa Cruz, Chuquisaca, Potosi, Oruro, La Paz & Beni.

COCHIN CHINA: Or Cochinchina, was the historic southern tip area of Vietnam prior to 1949.

COLIMA: A state in western Mex along Pacific Ocean surrounded by states Jalisco & Michoacan.

COLORADO: A state in west central US. **COLOMBIA:** A country in nw S Amer along Pacific Ocean & Caribbean Sea next to Panama in Central Amer & surrounded by Ecuador, Peru, Brazil & Venezuela.

COMORO ISLANDS: A group of 4 islands in Indian Ocean 300 miles nw of Mada at entrance of Mozambique Channel (close to Mozambique).

CONGO, DEMOCRATIC REP OF THE [Leopoldville now Kinshasa] == See ZAIRE.

CONGO, REP OF THE: See REP OF THE CONGO.

CONNECTICUT: A state in ne US.

COQUIMBO: A region in Chile along Pacific Ocean next to Argentina & between regions Atacama & Aconcagua.

CÓRDOBA: A prov in central Argentina surrounded by prov San Luis, La Rioja, Catamarca, Santiago Del Estero, Santa Fe, Buenos Aires, La Pampa.

COROMANDEL COAST: SE coast of India along Bay of Bengal.

CORRIENTES: A prov in ne Argentina.

CORSICA: A French island in the Mediterranean off s coast of France.

COSTA RICA: A narrow country in Central Amer along Pacific Ocean & Caribbean Sea between Nicaragua & Panama.

CUBA: See WEST INDIES.

CURAÇAO: See WEST INDIES.

CYPRUS: An island in Mediterranean Sea close to & s of Turkey.

CZECH REP: A country in eastern

Europe. (Formerly known as CZECHOSLOVAKIA, separated into Czech Republic & Slovakia 1993.)

CZECHOSLOVAKIA: See CZECH REP.

DAHLA[C]K ISLAND: An Ethiopian island in the Red Sea off the coast of Ethiopia — a part of the Dahlak Archipelago (a group of 126 islands).

DAHOMEY: See BENIN.

DAMARALAND: A region in central Namibia.

DEMOCRATIC REP OF THE CONGO: See ZAIRE.

DENMARK: A country in n Europe n of Ger.

DJIBOUTI: A small country in ne Africa along Gulf of Tadjoura in Gulf of Aden between Somalia & Ethiopia. (Formerly known as **FRENCH SOMALILAND.**)

DOMINICA: See WEST INDIES.

DOMINICAN REP: A country made up of 2/3 of the island of Hispaniola in WEST INDIES.

DURANGO: An interior state in n Mex surrounded by states Chihuahua, Coahuila, Zacatecas, Nayarit & Sinaloa.

DUTCH GUIANA: See SURINAM.

DUTCH INDIES [or DUTCH EAST INDIES]: Early name for Netherlands East Indies. See INDONESIA.

DUTCH WEST INDIES: Refers to Aruba of WEST INDIES & Netherlands Antilles.

EAST AFRICA: Refers to countries Kenya, Uganda & Tanzania.

EAST ASIA: China, Japan, N & S Korea, Mongolia, Siberia, Taiwan.

EAST INDIES: See INDONESIA.

EASTERN CAPE: A prov (created in 1994 from part of Cape Prov) in se RSA along Indian Ocean surrounded by Lesotho & prov Natal, Free State, Northern Cape & Western Cape. See also Cape.

ECUADOR: Country (of provinces) in ne S Amer along Pacific Ocean between Colombia & Peru.

EGYPT: A country in ne Africa along

Mediterranean Sea & Red Sea next to Libya & Sudan.

EL SALVADOR: Country in Central Amer along Pacific Ocean between Guatemala & Honduras.

ENG: [England] A country in s Great Britain.

ENTRE RIOS: A prov in ne Argentina next to Uruguay surrounded by Corrientes, Santa Fe & Buenos Aires.

EQUATORIAL GUINEA: A country on the west coast of Africa along Atlantic Ocean (Gulf of Guinea) between Cameroun & Gabon.

Includes Bioko Island (formerly Fernando Póo Island).

ERITREA [ERITHREA]: An Italian colony that became a part of & the n coastal region of Ethiopia in 1962.

ESPIRITO SANTO: A state in eastern Brazil along Atlantic Ocean.

ETHIOPIA: Country (of provinces) in ne Africa along the Red Sea & surrounded by Djibouti, Somalia, Kenya & Sudan (includes a previous Italian colony ERITREA). (Formerly known as ABYSSINIA.)

EUROPE: A continent along N Atlantic & Arctic Oceans & Mediterranean Sea that separates it from African continent. The Asian continent borders the eastern side at Ural Mtns.

FLORIDA: A narrow state in se US along Atlantic Ocean & Gulf of Mex; includes Florida Keys made up of islands at s tip: Virginia,

Biscayne, Sands, Elliott, Old Rhodes, Largo, Plantation, Upper & Lower Matecumbe, Long, Grassy, Vaca, Big Pine, Torch, Ramrod, Summerland, Cudjoe, Sugarloaf, Boca Chica & West.

FORMOSA: A prov in n Argentins next to Paraguay surrounded by prov Salta & Chaco.

FRANCE: A country (of departments) in western Europe.

FREE STATE: An interior prov (created in 1994 to replace Orange Free State) in central RSA next to

Lesotho & surrounded by Lesotho & prov Gauteng, Mpumalanga, Northern Cape, Eastern Cape & Natal.

FRENCH EQUATORIAL AFRICA: See REP OF THE CONGO & CENTRAL AFRICAN REP.

FRENCH GUIANA: A country in n S AMER along Atlantic Ocean between Brazil & Surinam.

FRENCH GUINEA: See GUINEA.

FRENCH POLYNESIA: French overseas country in s Pacific Ocean (including Tahiti Island) about half way between Australia & S Amer.

FRENCH SOMALILAND [FRENCH SOMALI COAST]: See DJIBOUTI.

FRENCH SUDAN: See MALI, partly UPPER VOLTA.

FRENCH WEST AFRICA: French colonial unit in western Africa from 1904 to 1958, and now made up of separate countries Dahomey, Guinea, Ivory Coast, Mali, Mauritania, Niger, Senegal & Upper Volta.

GABON: A country in western Africa along Atlantic Ocean surrounded by Equatorial Guinea, Cameroon & Rep of the Congo.

GALAPAGOS ISLANDS: Group of islands in Pacific Ocean that belong to Ecuador (officially known as Archipiélago de Colón) 650 miles to the west. Largest islands are Isabella, San Cristóbal, Santa Cruz, San Salvador & Fernandina, plus smaller islands of Albermarle, Abingdon, Chatham, James, Charles & Tower.

GAMBIA: A small country on west coast of Africa along Atlantic Ocean surrounded by Senegal.

GAUTENG: A prov (created in 1994) in n RSA surrounded by prov Free State, Mpumalanga, Limpopo & North-West. (Includes part of former Transvaal.)

GEORGIA A: A country in Asia next to Black Sea & surrounded by USSR, Azerbailjan, Armenia & Turkey.

(Formerly a part of USSR).

GEORGIA B: A state in se US.

GERMAN EAST AFRICA: See TANGANYIKA.

GER: [Germany] A country in n Europe separated after WW II into East & West Germany.

GHANA: A country in western Africa along Atlantic Coast surrounded by Ivory Coast, Upper Volta & Togo.

(Formerly known as the GOLD COAST (including Ashanti, Northern Territories & British Togoland).)

GOIÁS: A state in central Brazil.

GOLD COAST: See GHANA.

GREAT BRITAIN: An island n of France surrounded by Atlantic Ocean, North Sea, English Channel & Irish Sea & includes countries of Eng, Wales & Scotland.

GREAT KAROO: An area located in eastern Western Cape prov of RSA next to & ne of Little Karoo.

(Sometimes referred to as Central Karoo.)

GREAT NAMALAND: See GREAT NAMAQUALAND.

GREAT NAMAQUALAND: A region in s central half of Namibia, made up of the n part of NAMAQUALAND.

GREATER ANTILLES: See WEST INDIES.

GREECE: A country between the Ionian & Aegean Seas s of Albania, Yugoslavia & Bulgaria.

GRIQUALAND WEST: An area in the eastern Cape prov near prov Orange Free State & Natal.

GUADALUPE ISLAND: An island in the Pacific Ocean off the coast of Baja Calif.

GUADELOPE ISLAND: Made up of 2 islands (Grande-Terre & Basse-Terre) in north-central part of Lesser Antilles in WEST INDIES.

GUANAJUATO: An interior state in central Mex (nw of Mex City) surrounded by states San Luis Potosi, Queretaro, Michoacan & Jalisco.

GUATEMALA: A country along

Pacific Ocean in Central Amer surrounded by Mex, Honduras & El Salvador.

GUERRERO: A state in s Mex along Pacific Ocean surrounded by states Michoacan, Mex, Morelos, Puebla & Oaxaca.

GUINEA: A country on the west coast of Africa along Atlantic Ocean surrounded by Guinea-Bissau, Senegal, Ivory Coast, Liberia & Sierra Leone. (Formerly known as FRENCH GUINEA.)

GUINEA-BISSAU: A small country in western Africa along Atlantic Ocean between Senegal & Guinea.

GULF OF CALIF: A body of water between Baja Calif and mainland Mex.

GUYANA: A country in n S Amer along Atlantic Ocean surrounded by Surinam, Brazil & Venezuela. (Formerly known as British Guiana.)

HAITI: A country made up of 1/3 of the island of Hispaniola in WEST INDIES.

HAWAII: An island state of US in the n Pacific Ocean; occupies an archipelago of 8 major islands & a series of islets, atolls, & shoals.

HEREROLAND: An area in Namibia.

HIDALGO: An interior state in central Mex n of Mex City surrounded by states Queretaro, San Luis Potosi,

Vera Cruz, Puebla, Tlaxcala & Mex.

HIMALAYA: A mtn range stretching through n India, Nepal, Bhutan & Tibet.

HISPANIOLA: An island in WEST INDIES near & east of Cuba, made up of 2 countries: Haiti & Dominican Rep.

HOLLAND: See NETHERLANDS.

HONDURAS: A country along the Caribbean Sea in Central Amer between Guatemala & Nicaragua.

HONG KONG: British Colony estuary on se coast of China.

HORN OF AFRICA: Includes

countries Djibouti, Eritrea, Ethiopia, Somalia, Somaliland, Sudan.

HUANUCO: A interior adm div in central Peru surrounded by adm div Ancash, San Martin, Loreto & Pasco.

IDAHO: A state in nw US.

ILLINOIS: A state in n central US.

INDIA: A country (of states) in se Asia along Arabian Sea, Bay of Bengal & Indian Ocean & surrounded by Pakistan, China, Nepal & Burma.

INDIANA: A state in n central US.

INDOCHINA: Former name of area made up of Vietnam, Cambodia & Laos in se Asia under French rule from 1884 to 1954, s of China; along Gulf of Siam & S China Sea.

INDONESIA [REP OF]: A country (prior to 1949 called Netherlands East Indies) made up of islands (or parts thereof) located at or s of the Equator between Australia and se Asia & between Indian & Pacific Oceans, including:

(1) Greater Sunda Islands: Western islands of Sumatra, Borneo, Java & Celebes (Sulawesi) + Banjak, Nias, Siberut, Bangka, Billiton (Belitung) & Madura.

(2) Lesser Sunda Islands (Nusa Tenggara): Bali, Lombok, Sumbawa, Sumba, Flores & many smaller islands.

(3) Eastern islands of Buru, Ceram, Halmahera, Timor, Tanimbar, Aru & Papua.

(4) Natuna Islands, Sangihe Isls & Schouten Isls.

INNER MONGOLIA: See NEI MONGOLia.

IOWA: A state in central US.

IRAN: A country in sw Asia along Persian Gulf & Caspian Sea, surrounded by Iraq, Syria, Turkey, Armenia, Azerbaijan, Turkmenistan, Afghanistan & Pakistan.

IRAQ: A country in sw Asia along Persian Gulf, surrounded by Turkey,

Iran, Kuwait, Saudi Arabia, Jordan & Syria.

IRIAN JAYA: See PAPUA.

ISLA SANTA CATALINA: An island in the Sea of Cortéz between Baja Calif & mainland Mex.

ISLAND OF BOURBON: See MAURITIUS.

ISLE OF SKYE: Island off the w coast of SCOTLAND.

ISRAEL: A country in sw Asia at eastern end of Mediterranean Sea, surrounded by Lebanon, Syria, Jordan & Egypt.. (Formerly known as PALESTINE.)

ITALIAN SOMALILAND: (Formerly the n portion of SOMALIA.) See SOMALIA.

ITALY: A country in s Europe s of France, Switzerland & Austria, a long & narrow peninsula surrounded by Mediterranean, Tyrrhenian, Adriatic & Ionian Seas.

IVORY COAST: A country in west Africa along Atlantic Ocean between Liberia & Ghana.

JALISCO: A state in western Mex along Pacific Ocean surrounded by states Nayarit, Zacatecas, Guanajuato, Michoacan & Colima.

JAMAICA: See WEST INDIES.

JAPAN: A country of Asia on an archipelago off the ne coast of continent of Asia — consisting of 4 major islands: Hokkaido, Honshu, Kyushu & Shikoku.

JAVA: See INDONESIA.

JERSEY: The southern most Eng island within the Channel Islands about 14 miles from France in the English Channel.

JORDAN: A country in Middle East surrounded by Israel, Syria, Iraq, Saudi Arabia.

JUJUY: A prov in n Argentina next to Chile & Bolivia surrounded by prov Salta.

KALAHARI (DESERT): An arid & semiarid region in sw Botswana & n Northern Cape.

KANSAS: A state in central US.

KARAKORUM: A mtn range of n Pakistan & India & sw China.

KAROO: Great & Little Karoo in Western Cape prov of RSA.

KASHMIR: A country in Asia surrounded by India, Pakistan, Afghanistan & China.

KAZAKHSTAN: A country in central Asia next to s USSR & se China.

KENTUCKY: A state central east US.

KENYA: A country (of provinces) in eastern Africa along Indian Ocean & surrounded by Tanzania, Uganda, Ethiopia & Somalia Ethiopia.

KIRGIZIA: A new country (1991) in Asia surrounded by China, Tajikistan, Yzbekistan & Kazakhstan.

KOREA: A country that is a peninsula in eastern Asia w China to the west & Japan to the east across the Korea Strait (Tsushima Strait).

KWAZULU-NATAL: A prov (created in 1994 to replace Natal) in se RSA surrounded by Lesotho, Mozambique & Swaziland & prov Eastern Cape, Free State & Mpumalanga.

KYRGYZSTAN: A country in Asia surrounded by China, Kazakhstan, Uzbekistan & Tajikistan.

LA LIBERTAD: An adm div in Peru along Pacific Ocean between adm div Cajamarca & Ancash.

LAMPEDUSA ISLAND: Island in Mediterranean Sea between Sicily & African coast.

LA PALMA ISLAND: An island of the Canary Islands.

LA PAMPA: A prov in central Argentina surrounded by Neuquen, Mendoza, San Luis, Cordoba, Buenos Aires & Rio Negro.

LA PAZ: A dept in western Bolivia next to Peru & surrounded by dept Pando, Beni, Cochabamba & Oruro.

LA RIOJA: A prov in nw Argentina next to Chile & surrounded by prov Catamarca, Cordoba, San Luis & San Juan.

LEBANON: A country next to

Mediterranean Sea surrounded by Syria & Israel.

LEEWARD ISLANDS: See WEST INDIES.

LESOTHO: A country completely within the boundaries of RSA. (Formerly known as BASUTOLAND.)

LESSER ANTILLES: See WEST INDIES.

LIBERIA: A country in western Africa along Atlantic Ocean between Sierra Leone & Ivory Coast.

LIBYA: A country in n Africa along Mediterranean Sea surrounded by Algeria, Niger, Chad, Sudan & Egypt.

LIMA: A dept in Peru along Pacific Ocean surrounded by dept Ancash, Huanuco, Pasco, Junin, Huancavelica & Ica.

LIMPOPO: A prov in ne RSA surrounded by Zimbabwe, Mozambique, Botswana & prov North-West, Gauteng & Mpumalanga. (Formerly known as NORTHERN PROVINCE 1994–2002. Includes part of former TRANSVAAL PROVINCE ≈1994.)

LITTLE KAROO: An area located in s Western Cape prov of RSA next to & sw of Great Karoo. (Sometimes referred to as Southern Karoo.)

LITTLE NAMALAND: See LITTLE NAMAQUALAND.

LITTLE NAMAQUALAND: A region in extreme nw Northern Cape, made up of s part of Namaqualand.

LORETO: A large adm div in ne Peru next to Ecuador, Colombia & Brazil & surrounded by adm div Amazonas, La Libertad, Huanuco, Pasco, Junin, Cuzco & Madre de Dios.

LOWER CALIF: See BAJA CALIF.

MACEDONIA: A country in former s Yugoslavia of eastern Europe.

MADAGASCAR ISLAND: A country (known as the Malagasy Rep) 250 miles off the se coast of Africa in Indian Ocean.

MADEIRA ISLANDS: Portuguese archipelago near the Canary Islands in Atlantic Ocean off the nw coast of Morocco, Africa & made up of

primary islands Madeiro & Porto Santo & some smaller islands.

MAGDALENA ISLAND: An island of Mex in Pacific Ocean at lower end & off west coast of Baja Calif near Santa Margarita Island.

MALABAR COAST: Region in sw India along Arabian Sea.

MALAGASY REP: See MADAGASCAR ISLAND.

MALAWI: Interior country in s Africa surrounded by Mozambique, Zambia & Tanganyika. (Formerly known as NYASALAND.)

MALAYA: See MALAYSIA.

MALAYSIA: A country in se Asia in S China Sea just n of Indonesia.

MALESIA: See MALAYSIA.

MALI: A country in western Africa surrounded by Mauritana, Algeria, Niger & Upper Volta.

MALTA: Three islands in the Mediterranean Sea about 60 miles s of the island of Sicily & n of African coast.

MANCHURIA: A region in ne China.

MARYLAND: A state in eastern US.

MASCARENE ISLANDS: A group of 3 islands (Mauritius, Rodrigues & Réunion) in Indian Ocean about 400 miles east of Mada.

MASSACHUSETTS: A state in ne US.

MATO GROSSO: A state in western Brazil next to Bolivia & Paraguay & surrounded by states Rondonia, Amazonas B, Para, Goias, Sao Paulo & Parana.

MAURITANIA: A country in nw Africa along Atlantic Ocean surrounded by Spanish Sahara, Algeria, Mali & Senegal.

MAURITIUS: See MASCARENE ISLANDS. (Formerly known as ISLAND OF BOURBON.)

MEDITERRANEAN SEA: A body of water separating Europe & Africa.

MENDOZA: A prov in central Argentina next to Chile & surrounded by prov San Juan, San Luis, La Pampa & Neuquen.

MEX: [Mexico] A country (of states)

in N Amer between Pacific Ocean & Gulf of Mex & between US & Central Amer.

MÉXICO: A state in Mex surrounded by states Guerrero, Morelos, Michoacan, Hidalgo, Tlaxcala & Puebla.

MICHIGAN: A state in n central US.

MICHOACAN: A state in sw Mex along Pacific Ocean surrounded by states Colima, Jalisco, Guanajuato, Mex & Guerrero.

MIDDLE AFRICA: See CONGO, Rep of (Brazzaville).

MIDDLE CONGO: See REP OF THE CONGO.

MIDDLE EAST: A term used to describe a region that separates Europe, Africa & Asia to replace terms such as 'Asia Minor' & 'Near East'. This would include such countries as Libya, Egypt, Jordan, Israel, Lebanon, Syria, Turkey, Iraq, Iran, Saudi Arabia, Yemen, Kuwait, & Oman.

MINAS GERAIS: A interior state in se Brazil surrounded by states Bahia, Espirito Santo, Rio de Janeiro, Sao Paulo, & Goias.

MINNESOTA: A State in n central US.

MISSOURI: A state in central US on west side of Mississippi River.

MONACO: A country on the Mediterranean coast in s France.

MONGOLIA: A country in eastern Asia between Russia & China.

MONTANA: A state just west of n central US.

MONTserrat: See WEST INDIES.

MORELOS: An interior state in central Mex s of Mex City surrounded by states Mex, Puebla & Guerrero.

MOROCCO: A country in nw Africa across the Strait of Gibraltar from Spain.

MOZAMBIQUE [or MOÇAMBIQUE]: A country in se Africa along Indian Ocean surrounded by RSA, Zimbabwe, Zambia, Malawi &

Tanzania . (Formerly known as PORTUGUESE EAST AFRICA.)

MPUMALANGA: A prov (created in 1994) in n RSA surrounded by Mozambique, Swaziland & prov Natal, Limpopo, Gauteng & Free State. (Includes part of former eastern Transvaal.)

MYANMAR: A country in se Asia surrounded by Bangladesh, India, China, Laos, Thailand & along Indian Ocean & Andaman Sea. (Formerly known as BURMA ~1990.)

NAMALAND: See NAMAQUALAND.
NAMAQUALAND (Namaq): An area that includes s central half of Namibia known as Great Namaqualand and in extreme nw Northern Cape known as Little Namaqualand.

NAMIB DESERT: A 50 to 80 mile-wide area along the Atlantic coast of Namibia.

NAMIBIA: A country in sw Africa along Atlantic Ocean surrounded by Angola, Botswana & RSA. (Formerly known as SW AFRICA.)

NATAL: See KwaZulu-Natal.

NAYARIT: A state in western Mex along Pacific Ocean surrounded by states Sinaloa, Durango & Jalisco.

NEAR EAST: Generally includes Turkey, Lebanon, Israel, Iraq, Jordan, Saudi Arabia & other countries of Arabian Peninsula.

NEBRASKA: A state in central US.

NEI MONGOL: Autonomous region in ne China next to Mongolia & USSR. (Formerly known as INNER MONGOLIA.)

NEOTROPICS: Region in New World of s Florida, West Indies, s Mex, Central & S Amer.

NEPAL: A country in Asia surrounded by China & India.

NETHERLANDS, THE: A country in nw Europe along N Sea & next to Belgium & Ger (often referred to as HOLLAND).

NETHERLANDS ANTILLES: 6 islands in 2 regional groupings among the

Lesser Antilles of the West Indies; Aruba, Bonaire & Curacao near Venezuela; and Saba, St Eustatius & s half of St Martin within the Leeward Islands.

NETHERLANDS EAST INDIES: See INDONESIA.

NEUQUEN: A prov in Argentina next to Chile surrounded by Mendoza, La Pampa & Rio Negro.

NEVADA: A state in west central US surrounded by states Arizona, Calif, Oregon, Idaho, & Utah.

NEW CALEDONIA: An island territory of France in the Pacific Ocean s of Solomon Islands & east of Australia.

NEW GUINEA: The 2nd largest island in world in Pacific Ocean off coast of n Australia & on eastern end of Indonesian archipelago; western half the eastern prov of Indonesia, Papua, & eastern half Papua New Guinea.

NEW JERSEY: A state in eastern US.

NEW MEX: [New Mexico] A state in sw US next to Chihuahua in Mex & surrounded by states Arizona, Colorado & Texas.

NEW SOUTH WALES: A state in se Australia.

NEW WORLD: Western hemisphere made up of N, Central & S Amer.

NEW YORK: A state in ne US.

NEW ZEALAND: An island chain made up of North, South & Stewart Islands se of Australia.

NGAMILAND: An area in n Bechuanaland.

NICARAGUA: A country in Central Amer along Pacific Ocean & Caribbean Sea between Honduras & Costa Rica.

NIGER (Niger Colony): A country in n central Africa surrounded by Nigeria, Mali, Algeria, Libya & Chad.

NIGERIA: A country in central Africa along Atlantic Ocean surrounded by Dahomey, Niger, & Cameroun.

NORFOLK ISLAND: An Australian island in Pacific Ocean about

930 miles east of Australia.

NORTH AFRICA: Generally includes the countries Morocco, Algeria, Tunisia, Libya, Egypt & n parts of Niger, Chad & Sudan.

NORTH AMERICA: A continent between the N Pacific & N Atlantic Oceans & from s tip of Central Amer n to Mex, US, Canada & island of Greenland.

NORTH DAKOTA: A state in n central US.

NORTH-WEST: A prov (created in 1994) in n RSA surrounded by Botswana & prov Free State, Northern Cape, Limpopo & Gauteng. (Includes western part of former TRANSVAAL.)

NORTHERN CAPE: A prov (created in 1994 from part of Cape Prov) in nw RSA along Atlantic Ocean surrounded by Namibia & Botswana & prov Western Cape, Eastern Cape, Free State & North-West. See also Cape.

NORTHERN PROVINCE: See LIMPOPO.

NORTHERN RHODESIA: See ZAMBIA.

NORTHERN TERRITORY: A state in n Australia.

NUEVO LEON: An interior state in ne Mex surrounded by states Tamaulipas, San Luis Potosi & Coahuila.

NYASALAND: See MALAWI.

OAXACA: A state in s Mex along Pacific Ocean surrounded by states Guerrero, Puebla, Vera Cruz & Chiapas.

OKLAHOMA: A state in central US.

OLD WORLD: Eastern hemisphere made up of Europe, Asia & Africa.

OMAN: A country in ne Africa, east of Yemen & s of Saudi Arabia along Arabian Sea.

ORANGE FREE STATE: See FREE STATE.

OREGON: A state in nw US.

ORIENT: Primarily East Asia.

ORURO: A dept in sw Bolivia next

to Chile & surrounded by dept La Paz, Cochabamba & Potosi.

PAKISTAN: A republic in s Asia split in 2 parts:

(1) West Pakistan: Along Arabian Sea & surrounded by Iran, Afghanistan, USSR, China & India.

(2) East Pakistan: Smaller of the 2 along the Bay of Bengal & surrounded by India & Burma.

PALESTINE: See ISRAEL.

PANAMA: A narrow country at s tip of Central Amer along Pacific Ocean & Caribbean Sea between Costa Rica & Colombia in S Amer.

PANDO: A dept in n Bolivia next to Peru & Brazil surrounded by dept Beni & La Paz.

PAOS [PATOS] ISLAND: See WEST INDIES.

PAPUA: A province of Indonesia comprising western half of New Guinea. Formerly known as Iran Jaya, West Irian, West Papua.

PAPUA NEW GUINEA: A country comprising the eastern half of New Guinea.

PARA: A state in n Brazil along Atlantic Ocean surrounded by states Amazonas B, Mato, Goias & Maranha.

PARAGUAY: A country in central interior S Amer surrounded by Brazil, Bolivia & Argentina.

PARANA: A state in s Brazil along Atlantic Ocean next to Paraguay & Argentina & surrounded by Mato Grosso, Sao Paulo & Santa Catarina.

PATAGONIA: The s portion of Argentina made up of prov Rio Negro, Chubut & Santa Cruz.

PEMBA: An island in Indian Ocean off east coast of Africa that belongs to Tanzania & is n of the island of Zanzibar.

PENNSYLVANIA: A state in ne US.

PEOPLE'S REP OF THE CONGO: See REP OF THE CONGO.

PERNAMBUCO: A state in eastern Brazil along Atlantic Ocean

surrounded by states Bahia, Piaui, Ceara & Paraiba.

PERU: A country (of adm div) in S Amer along Pacific Ocean surrounded by Ecuador, Colombia, Brazil, Bolivia & Chile.

PHILIPPINES [Philippine Islands, Philippine Archipelago]: A country of some 7,000 islands in sw Pacific Ocean between Taiwan & Indonesia & se of China.

PIAUI: A state in n Brazil touching Atlantic Ocean surrounded by Maranhao, Bahia, Pernambuco & Ceara.

PIURA: An adm div in nw corner of Peru along Pacific Ocean next to Ecuador & surrounded by adm div Tumbes, Cajamarca & Lambayeque.

POLAND: A country in NE Europe.

PORTO RICO: See WEST INDIES.

PORTUGAL: A (country) in sw Europe along Atlantic Ocean next to Spain.

PORTUGUESE EAST AFRICA: See MOZAMBIQUE.

PORTUGUESE GUINEA: See GUINEA-BISSAU.

POTOSI: A dept in s Bolivia next to Argentina & Chili & surrounded by dept Tarija, Chuquisaca, Cochabamba & Oruro.

PUEBLA: Interior state in s Mex east of Mex City surrounded by states Vera Cruz, Oaxaca, Guerrero, Morelos, Mex, Tlaxcala & Hidalgo.

QUEENSLAND: A state in ne Australia.

QUERÉTARO: Interior state in central Mex surrounded by states San Luis Potosi, Hidalgo, Mex & Quanaajuato.

QUINTANA ROO: A state in se Mex (in eastern portion of Yucatan Peninsula that separates Gulf of Mex & Caribbean Sea) along Caribbean Sea next to British Honduras & surrounded by states Campeche & Yucatan.

RED SEA: The body of water that separates Asia & Africa & spills

into the Indian Ocean.

REP OF THE CONGO [w capitol **Brazzaville**]: Independence from French rule, 1960. Interior country in western central AFRICA above & below the Equator along Atlantic Ocean surrounded by Gabon, Cameroon, Central African Rep & Democratic Republic of the Congo. (Previously known as part of Middle Congo 1880, as s portion of French Equatorial Africa 1908 & People's Republic of the Congo.)

REP OF THE SUDAN: See SUDAN [REP OF THE].

REUNION: See MASCARENE ISLANDS.

RHODESIA: See NORTHERN RHODESIA & SOUTHERN RHODESIA.

RICHTERSVELD: A small area in nw Northern Cape next to Namibia.

RIO de JANEIRO: A state in se Brazil along Atlantic Ocean surrounded by states Sao Paulo, Minas Gerais & Espirito Santo.

RIO de ORO: See SPANISH SAHARA.

RIO GRANDE DO NORTE: A state in ne Brazil along Atlantic Ocean surrounded by Ceara & Paraiba.

RIO GRANDE DO SUL: A state in s tip of Brazil along Atlantic Ocean next to Uruguay & Argentina & s of Santa Catarina.

RIO MUNI: See EQUATORIAL GUINEA.

RIO NEGRO: A prov in s Argentina along Atlantic Ocean, next to Chile & surrounded by prov Neuquen, La Pampa, Buenos Aires & Chubut.

ROCKY MTNS: A range of mountains extending n & s through western US (including Colorado, Wyoming, Montana) into Canada & Mex.

RODRIGUES ISLAND: See MASCARENE ISLANDS.

RSA: See SOUTH AFRICA.

RUANDA URUNDI: See RWANDA & BURUNDI.

RUSSIA: See USSR.

RWANDA: A small country in central

east Africa surrounded by Uganda, Tanzania, Burundi & Democratic Rep of the Congo.

SALTA: A prov in n Argentina next to Chile, Bolivia & Paraguay surrounded by prov Jujuy, Formosa, Chaco, Santiago del Estero, Tucuman & Catamarca.

SAN BENITO ISLANDS: 3 Mex islands in Pacific Ocean about half way down & off west coast of Baja Calif.

SAN ESTEBAN ISLAND: An island of Mex in Gulf of Calif about half way down & off east coast of Baja Calif.

SAN FRANCISCO ISLAND: A small island of Mex in Gulf of Calif at lower end & off east coast of Baja Calif near San Jose Island.

SAN JOSE ISLAND: An island of Mex in Gulf of Calif at lower end & off east coast of Baja Calif.

SAN JUAN: A prov of Argentina next to Chile & surrounded by prov La Rioja, San Luis & Mendoza.

SAN LUIS: Interior prov in n central Argentina surrounded by prov La Rioja, Cordoba, La Pampa, Mendoza & San Juan.

SAN LUIS POTOSÍ: Interior state in central Mex surrounded by states Nuevo Leon, Tamaulipas, Vera Cruz, Hidalgo, Queretaro, Guanajuato & Zacatecas.

SANTA CATALINA: An island in the Pacific Ocean off the coast of s Calif.

SANTA CATARINA: A state in s Brazil along Atlantic Ocean next to Paraguay & surrounded by states Parana & Rio Grande do Sul.

SANTA CRUZ A: A prov in s Argentina along Atlantic Ocean next to Chile & s of prov Chubut.

SANTA CRUZ B: A dept in eastern Bolivia next to Brazil & Paraguay & surrounded by dept Chuquisaca, Cochabamba & El Beni.

SANTA FE: A prov in ne Argentina surrounded by prov Entre Rios, Corrientes, Chaco, Santiago Del Estero, Cordoba & Buenos Aires.

SANTA MARGARITA ISLAND: An island of Mex in Pacific Ocean at lower end & off west coast of Baja Calif near Magdalena Island.

SANTIAGO DEL ESTERO: A prov in n Argentina surrounded by prov Santa Fe, Chaco, Salta, Tucuman, Catamarca & Cordoba.

SAO PAULO: A state in Brazil along Atlantic Ocean surrounded by states Minas Gerais, Rio de Janeiro, Parana & Mato Grosso.

SAO SEBASTIAO ISLAND: An island in Atlantic Ocean off coast of Brazil & belonging to state Sao Paulo.

SARDINIA: An Italian island in the Mediterranean Sea s of Corsica off n coast of Italy.

SAUDI ARABIA: A country in Middle East n of Yemen & Oman & s of Iraq between Red Sea & Persian Gulf.

SCANDINAVIA: Refers to countries Iceland, Denmark Norway, Sweden & Finland.

SCOTLAND: A country in n Great Britain island; including islands of Hebrides, Orkney & Shetland.

SEA OF CORTEZ: Better known as the Gulf of California between Baja Calif & mainland Mex.

SENEGAL: A country on west coast of Africa along Atlantic Ocean s of Mauritania.

SERGIPE: A state in eastern Brazil along the Atlantic Coast surrounded by states Alagoas & Bahia.

SEYCHELLES ISLANDS: A group of islands in the Indian Ocean east of Kenya & Tanzania, & ne of Mada.

SIBERIA: A region of USSR in n parts of the Asian Continent.

SICILY: Italian island in the Mediterranean Sea off the sw toe of Italy.

SIERRA LEONE: A country in west Africa along Atlantic Ocean between Guinea & Liberia.

SIKKIM: A state in ne India between Nepal & Bhutan.

SINAI or SINAI PENINSULA: Eastern

most part of Egypt between the Gulf of Aquaba, the Gulf of Suez, the Red Sea & the Mediterranean Sea.

SINALOA: A state in nw Mex along Gulf of Calif surrounded by states Sonora, Chihuahua, Durango & Nayarit.

SINGAPORE: An independent city-state country made up of one main island & 50 small adjacent islands in se Asia at s tip of Malaysia.

SLOVAKIA: A country in eastern Europe. (Formerly known as eastern part of CZECHOSLOVAKIA prior to 1993.)

SOCIETY ISLANDS: A group of French Polynesia islands in s Pacific Ocean s of Hawaii & half way between

New Zealand & S Amer — includes Raiatea, Tahiti, Bora Bora & other small islands.

SOCOTRA (SOQOTRA):

Mountainous island that belongs to Yemen in the Arabian Sea (Indian Ocean) off the ne tip of Somalia in Africa.

SOLOMON ISLANDS: Islands & atolls in sw Pacific Ocean east of New Guinea & ne of Australia.

SOMALIA: A coastal country in ne AFRICA along Gulf of Aden & Indian Ocean surrounded by Kenya, Ethiopia & Djibouti; divided into 3 zones: Northern, Central & Southern. (Prior to June 1960 known as BRITISH SOMALILAND & ITALIAN SOMALILAND.)

SOMALILAND: See SOMALIA.

SONORA: A state in nw Mex along Gulf of Calif next to Arizona & New Mex in US, surrounded by states Baja Calif at nw tip, Chihuahua & Sinaloa.

SOQOTRA: See SOCOTRA.

SOUTH AFRICA [REP OF]: Country (of provinces) at s end of Africa surrounded by Namibia, Botswana, Zimbabwe, Mozambique & Swaziland.

SOUTH AMERICA: A continent

between the S Pacific & S Atlantic Oceans — s of Central America (N Amer continent).

SOUTH AUSTRALIA: A state in s Australia.

SOUTH CAROLINA: A state in se US.

SOUTH DAKOTA: A state in n central US.

SOUTHERN KAROO: See LITTLE KAROO.

SOUTHERN RHODESIA: See ZIMBABWE.

SOUTH WEST AFRICA: See NAMIBIA.

SPAIN: A country (of provinces) in s Europe along Mediterranean Sea & Atlantic Ocean w Portugal on west & France on n & separated on s from Morocco, Africa, by Strait of Gibraltar.

SPANISH SAHARA: A country in nw Africa along Atlantic Ocean between Morocco & Mauritania.

SRI LANKA: An independent island state in the Indian Ocean, off the se tip of India. (Formerly known as CEYLON.)

ST HELENA ISLAND: An island in s Atlantic Ocean about half way between Africa & S Amer.

SUDAN [REP OF THE]: A country in ne Africa along Red Sea surrounded by Eritrea, Ethiopia, Kenya, Uganda, Democratic Republic of the Congo, Central African Republic, Chad, Libya & Egypt.

SUMATRA: See INDONESIA.

SUNDA ISLANDS: See INDONESIA.

SURINAM: A country in n S Amer along Atlantic Ocean surrounded by French Guiana, Brazil & British Guiana.

SWAZILAND: A country in se Africa between RSA & Mozambique.

SWITZERLAND: A country in central Europe.

SYRIA: A country in sw Asia along eastern edge of Mediterranean Sea, surrounded by Turkey, Iraq, Jordan & Lebanon.

TABASCO: A state in se Mex along

Gulf of Campeche (Gulf of Mex) surrounded by states Veracruz, Chiapas & Campeche.

TADZHIKISTAN: A republic country formerly in s USSR ≈1991 next to n Afghanistan.

TAIWAN: An island in Pacific Ocean 100 miles off coast of China between Japan & Philippines.

TAMAULIPAS: A state in ne Mex along Gulf of Mex next to Texas in US, & states Nuevo Leon, San Luis Potosi & Veracruz.

TANGANYIKA [Territory]: See TANZANIA.

TANZANIA: Country established 1964 by merger of Tanganyika & island of Zanzibar in eastern Africa along Indian Ocean surrounded by Mozambique, Malawi, Zambia, Democratic Rep of the Congo, Burundi, Rwanda, Uganda & Kenya.

TARIJA: A dept in s Bolivia next to Paraguay & Argentina & surrounded by dept Potosi & Chuquisaca.

TASMANIA: An island state off the se coast of Australia.

TENNESSEE: A state in eastern central US.

TEXAS: A state in s central US along Gulf of Mex next to Tamaulipas, Nuevo Leon, Coahuila & Chihuahua in Mex & states New Mex, Oklahoma & Louisiana.

THAILAND: A country in se Asia surrounded by Myanmar, Malaysia, Cambodia, Laos & along Gulf of Thailand.

TIBET: A in sw China next to India, Nepal & Bhutan.

TIERRA DEL FUEGO: A prov at s tip of Argentina along Atlantic Ocean next to Chile.

TLAXCALA: An interior state in central Mex east of Mex City surrounded by states Puebla, México & Hidalgo.

TOBAGO ISLAND: See WEST INDIES.

TOGO: A small country in western Africa along Atlantic Ocean between

Ghana & Dahomey.

TRANSVAAL: A prov in ne RSA
≈1994. See also Limpopo,
North-West, Gauteng &
Mpumalanga.

TRINIDAD: See WEST INDIES.

TROPICAL AFRICA: Tropical region
in central Africa made up of some or
all of these countries == n Angola,
Benin, Burundi, Cameroon, Central
African Rep, s Chad, Congo,
Equatorial Guinea, sw Ethiopia,
Gabon, Ghana, Guinea,
Guinea-Bissau, Ivory Coast,
west Kenya, Liberia, Malawi, s Mali,
nw Mozambique, Nigeria, Rwanda,
Senegal, Sierra Leone, s Sudan,
west Tanzania, Togo, Uganda,
Upper Volta, Zaire, n Zambia.

TROPICAL EAST AFRICA: Kenya,
Tanzania, Uganda.

TUCUMAN: A prov in n Argentina
surrounded by prov Catamarca,
Salta & Santiago del Estero.

TUNISIA: A country in n Africa along
Mediterranean Sea between Algeria
& Libya.

TURKEY: A country between Black
Sea & Mediterranean Sea (also
Aegean Sea) w small separate piece
of land in Europe next to Greece &
Bulgaria and balance of land in Asia
Minor surrounded by USSR, Iran,
Iraq & Syria.

TURKMENISTAN: A new country
(1991) in Asia along Caspian Sea
surrounded by Iran, Kazaktan,
Uzbekistan & Afghanistan.

UBANGI SHARI: See CENTRAL
AFRICA.

UGANDA: Interior country in east
central Africa surrounded by Kenya,
Tanzania, Rwanda, Democratic Rep
of the Congo & Sudan.

UKRAINE: A republic in sw USSR.

UNITED KINGDOM: All of the large
islands of Great Britian + numerous
smaller islands & part of another
island

(N Ireland) n of France surrounded
by Atlantic Ocean, North Sea &

English Channel.

UNITED STATES OF AMERICA [US]:

A country (of states) in N Amer
between Pacific & Atlantic Oceans &
between Canada & Mex, plus the
island state of Hawaii in the Pacific
Ocean and the state of Alaska in the
nw corner of the N Amer continent.

UPPER KAROO: A large area next
to & n of Great Karoo in central RSA.

UPPER VOLTA: A country in west
Africa surrounded by Ivory Coast,
Mali, Niger & Ghana.

URUGUAY: A country
(of departments) in se S Amer along
Atlantic Ocean between Brazil &
Argentina.

**USSR [UNION OF SOVIET SOCIALIST
REP] :** A country (commonly
referred to as RUSSIA) that occupies
large parts of ne European & n Asian
continents (to some extent split up
in 1990s).

UTAH: A state in west central US.

VALPARAISO: A region in Chile
along Pacific Ocean between regions
Aconcagua & Santiago.

VENEZUELA: A country in n S Amer
along Caribbean Sea surrounded by
Colombia, Brazil & British Guiana.

VERA CRUZ: A long narrow state
in se Mex along Gulf of Mex
surrounded by states Tamaulipas,
San Luis Potosi, Hidalgo, Puegla,
Oaxaca, Chiapas & Tabasco.

VERMONT: A state in ne US.

VICTORIA: A state in se Australia.

VIETNAM: A country next to the Gulf
of Tonkin w Cambodia, Laos & China
on west & north. Formerly a part
of Indo-China.

VIRGIN ISLANDS: See WEST INDIES.

VIRGINIA: A state in eastern US.

WASHINGTON DC: The District
of Columbia, the capitol of US,
in eastern US (often referred
to as Washinton DC).

WEST AFRICA: Normally refers
to African countries of Benin,
Cameroon, Cape Verde, Gambia,
Ghana, Guinea, Guinea-Bissau,

Liberia, Mali south of the Sahara,
Mauritania, Niger south of the
Sahara, Nigeria, Senegal,
Sierra Leone & Togo.

WEST INDIES (*Caribbean Islands*):

An archipelago (group of islands)
between se US & n S Amer, also
referred to as Caribbean Islands;
dividing Atlantic Ocean from
Caribbean Sea; enclosing the
Caribbean Sea within these islands,
s coast of US, n coast of S Amer &
western coast of Central Amer. The
West Indies are composed
of 4 main sections:

- (1) The Bahamas: Northern
islands se of Florida &
- (2) n of Greater Antilles:
New Providence, Andros,
- (3) Great Inagua, San
Salvador, Grand
Bahama, Great Abaco,
Eleuthera, Cat, Long,
Crooked, Mayaguana,
Caicos, Acklins (nearly
700 islands in total);
- (4) The Greater Antilles
- (5) (s of the Bahamas) w
islands of Cuba, Jamaica,
Hispaniola (Haiti &
Dominican Rep), Puerto
Rico & Cayman Islands;

(se of the Greater Antilles) divided
into:

- {a} The Leeward Islands
(n part) made up of St. Eustatius,
Saba, Virgin Islands, St Kitts, Nevis,
Anguilla, Sombbrero, Antigua,
Redonda, Barbuda, & Montserrat,
- {b} The Windward Islands
(s part) made up of Guadeloupe,
Marie Galante, Dominica,
Martinique,
St. Lucia, St. Vincent, Barbados,
Grenada, & smaller islands of the
Grenadines,

- {c} The Netherlands
Antilles off the nw coast of
Venezuela including islands
of Curaçao, Aruba, Bonaire,

Las Aves, Los Rogues & Orchila;
(4) The Caribbean Islands
off the ne coast of Venezuela
including Trinidad, Tobago,
de Margarita, Coche, Los Testigos,
Cubagua, Blanquilla & La Tortuga.
WESTERN AUSTRALIA: A state
in western Australia.
WESTERN CAPE: A prov (created
in 1994 from part of Cape Prov)
in sw RSA along Atlantic & Indian
Oceans next to prov Northern Cape
& Eastern Cape. See also Cape.
WINDWARD ISLANDS: See
WEST INDIES.
YEMEN: Country west of Oman &
s of Saudi Arabia in Middle East
along Red Sea & Gulf of Aden across
from Eritrea & Djibouti, Africa.
YUCATAN: A state in se Mex

(in nw portion of Yucatan Peninsula
that separates Gulf of Mex &
Caribbean Sea) between states
Campeche & Quintana Roo.
YUNNAN: A prov in s China next
to Burma, Laos & Vietnam.
ZACATECAS: Interior state in central
Mex surrounded by states Durango,
Coahuila, San Luis Potosi, Jalisco,
Aguascalientes & Jalisco.
ZAIRE: Interior country in central
AFRICA above & below Equator with
a narrow strip that touches Atlantic
Ocean at mouth of Congo River
surrounded by Central African Rep,
Republic of the Sudan, Uganda,
Rwanda, Burundi, Tanzania, Zambia,
Angola, Rep of the Congo
(Brazzaville). (Formerly known
as CONGO FREE STATE, BELGIAN

CONGO.)
ZAMBIA: Interior country in s Africa
surrounded by Botswana, Angola,
Democratic Rep of the Congo,
Tanzania, Malawi & Mozambique.
(Formerly known as NORTHERN
RHODESIA.)
ZANZIBAR: An island in Indian
Ocean off the coast of Africa which
when included with Tanganyika
forms the United Rep of Tanzania
which also includes the island
of Pemba.
ZIMBABWE: Interior country
(of provinces) in s Africa surrounded
by Botswana, Zambia, Mozambique
& RSA. (Formerly known as
SOUTHERN RHODESIA.)
ZULULAND: An area located in Natal
prov in RSA along the Indian Ocean.

Abbreviations

AD — Anno Domini = on &
after year of Christ
Adm div — administrative
division(s)
Amer — America, American
BA — Univ Bachelor of Arts
(Baron) — a nobleman, titled
peer of the realm
BC — Before Christ
BCSS — British C&SS 1983~.
Merger of CSSGB & NCSS
BoD — Board of Directors
Bot / bot — B(b)otanic,
B(b)otanical
BS / BSc — Univ Bachelor of
Science degree
c — circa (approximate date or
number)
c&os — cacti & other succ
C&OS — Cacti & Other Succ
c&s — cacti & succ
C&S — Cactus / Cacti & Succ
C&SS — Cactus & Succ Soc
Calif — California, US

CANTE — garden & herbarium
at El Charco Del Ingenio, San
Miguel de Allende, Guanajuato,
Mex
(Capt) — Captain — a military
title
(Col) — Colonel — a military title
CSSA — C&SS of Amer (US)
1929~
CSSGB — C&SS of Great Britain
(1932–1983)
Czech — Czech Rep language
Czech Rep — Czech Republic
(Czechoslovakia)
DC — District of Columbia,
US — (Washington DC)
Dept / dept —
D(d)epartment(s)
desc — described
Dir — director
disc — discovered — this is
loosely used to include the
earliest recorded discoverer or
collector of a plant

DKG — Deutsche Kakteen-
Gesellschaft (Ger Cactus Soc)
(Dña) — honorary Spanish
female title of respect
(Dr) — Univ doctorate degree
other than (Dr hc) or (Dr med)
(Dr hc) — Doctor honoris causa
= Univ 'honorary' doctorate
degree
(Dr med) — Doctor of Medicine
(Dra) — Doctora (female) w
Univ doctorate degree
DS / DSc — Univ Doctor of
Science degree
DVD — Digital versatile disk of
data
Enc — Encyclopedia
Eng — English, England
et al. — et alii (& others)
etc. — et cetera (& so forth)
fa / f. — forma / form
Fellow — Fellowship award
from a natl soc
fl. — floruit (flourished in &
around this year)

FLS — Fellow of Linnean Soc, Eng
FRS — Fellow of Royal Soc – Eng
(Fr) — Father (a religious title)
(frere) — brother (a religious title)
GB — Great Britain (Eng, Wales & Scotland)
(Gen) — General – a military title
Ger — German, Germany
IAPT — International Association for Plant Taxonomy
Intro — Introduction(s)
IOS — International Organization for Succ Plant Study 1950~
ISI — International Succ Institute 1958-87
(International Succ Intro 1988~)
Jr — Junior (son of Sr)
Kew — Royal Botanic Gardens at Kew, London, Eng (founded 1759)
(Lady) — female title of nobility
LLD — Legum Doctor (Dr of Law)
(Lord) — male title of nobility
(Lt) — Lieutenant – a military title
MA — Univ Master of Arts degree
Mada — Madagascar (Malagasy Republic)
(Madam) — 'my lady', French for married person
(Major) — a military title
Mamm — Mammillaria
MD — Medicinae Doctor (Doctor of Medicine)
Mesemb — Mesembryanthem(um)(oideae)
Mex — Mexico, Mexican
(Miss) — not married female person

MKLA — Myron Kimnach Lifetime Achievement (CSSA) award
(Mlle) — Mademoiselle (French), not married female person
(Monsieur) — French, like (Mr)
(Mr) — male person
(Mrs) — married female person
MS / MSc — Univ Master of Science degree
Mtn(s) / mtn(s) — M(m)ountain(s)
N / n — North / north / northern
Na — named after
Nah — named after him / her
Namaq — Namaqualand
Natal — KwaZulu-Natal 1994~
Natl / natl — National / national
NCSS — Natl C&SS of GB (1946-1983)
NE / ne — Northeast / northeastern
Né — male surname before it was changed
née — maiden surname of married female
NW / nw — Northwest / northwestern
NY — state of New York (US)
NYC — city of New York (US)
P — page / pages
PhD — Univ Doctor of Philosophy degree
Pres — president
Prof — professor = teacher of high rank
(Prof) — Professor = Univ title of high rank
Prov / prov — Province / province
Pub — published
Rep — Republic
Rev — revised
(Revd) — Reverend – religious title

RHM — Robert Holt Meritorious BCSS award
RSA — Republic of S Africa
S / s — South / south / southern
SE / se — Southeast / southeastern
Semp — Sempervivum
(Sir) — male title of nobility
Smithsonian Institution — in DC
Soc — Society
Sr — Senior (father of Jr)
(Fr) — Father (a religious title)
(frere) — brother (a religious title)
GB — Great Britain (Eng, Wales & Scotland)
(Gen) — General – a military title
Ger — German, Germany
IAPT — International Association for Plant Taxonomy
Intro — Introduction(s)
IOS — International Organization for Succ Plant Study 1950~
ISI — International Succ Institute 1958-87
(International Succ Intro 1988~)
Jr — Junior (son of Sr)
Kew — Royal Botanic Gardens at Kew, London, Eng (founded 1759)
(Lady) — female title of nobility
LLD — Legum Doctor (Dr of Law)
(Lord) — male title of nobility
(Lt) — Lieutenant – a military title
MA — Univ Master of Arts degree
Mada — Madagascar (Malagasy Republic)
(Madam) — 'my lady', French for married person
(Major) — a military title

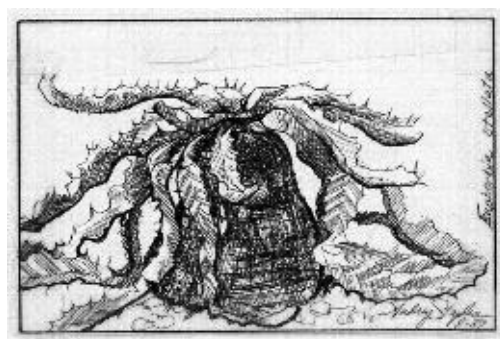
Mamm — Mammillaria
MD — Medicinae Doctor
 (Doctor of Medicine)
Mesemb —
 Mesembryanthem(um)(oideae)
Mex — Mexico, Mexican
(Miss) — not married female
 person
MKLA — Myron Kimnach
 Lifetime Achievement (CSPA)
 award
(Mlle) — Mademoiselle
 (French), not married female
 person
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(Mr) — male person
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 Science degree
Mtn(s) / mtn(s) —
 M(m)ountain(s)
N / n — North / north / northern
Na — named after
Nah — named after him / her
Namaq — Namaqualand
Natal — KwaZulu-Natal 1994~
Natl / natl — National / national
NCSS — Natl C&SS of GB
 (1946-1983)
NE / ne — Northeast /
 northeastern
Né — male surname before it
 was changed
née — maiden surname of
 married female
NW / nw — Northwest /
 northwestern
NY — state of New York (US)
NYC — city of New York (US)
P — page / pages
PhD — Univ Doctor of
 Philosophy degree
Pres — president
Prof — professor = teacher of
 high rank
(Prof) — Professor = Univ title
 of high rank

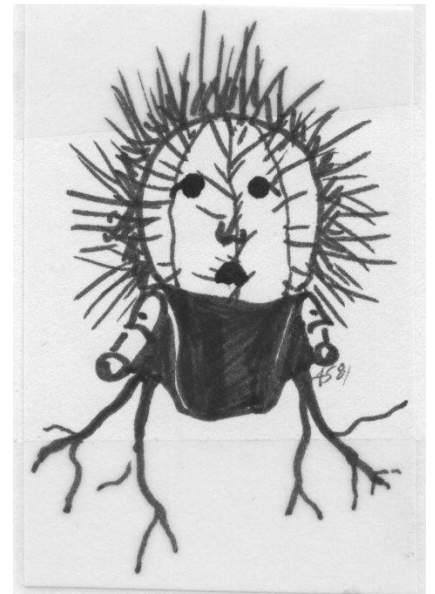
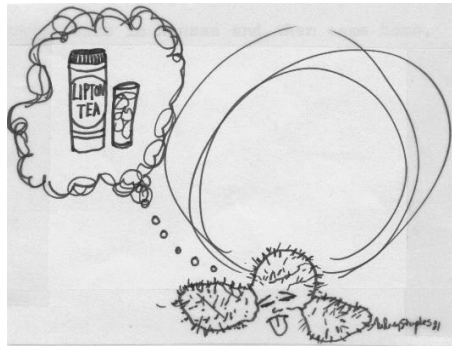
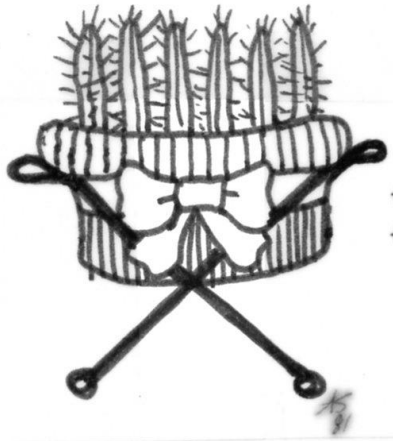
Prov / prov — Province /
 province
Pub — published
Rep — Republic
Rev — revised
(Revd) — Reverend – religious
 title
RHM — Robert Holt
 Meritorious BCSS award
RSA — Republic of S Africa
S / s — South / south / southern
SE / se — Southeast /
 southeastern
Semp — Sempervivum
(Sir) — male title of nobility
Smithsonian Institution — in
DC
Soc — Society
Sr — Senior (father of Jr)
ssp / subsp — subspecies
SSSA — Succ Soc of South
 Africa
STB — Bachelor of Sacred
 Theology
Succ / succ — Succulent(s) /
 succulent(s)
SW / sw — South West /
 southwest(ern)
Syn — synonym
UNAM — Universidad Nacional
 Autonoma de Mex, Mex City
Univ — University
UK — United Kingdom (Great
 Britain & N Ireland)
US — United States of Amer,
 N Amer
USDA — US Dept of Agriculture
v / var — variety
VMH — Royal Horticulture Soc
 Victoria Medal of Honor
Vol / Vols — Volume /
 Volumes
VP / vp — Vice
 President / vice president
W — with
w/o — without
Wm — William

WW I & WW II — 2 world wars
 in 20th century
Ys — years

Symbols

& — and
***** — asterisk = footnote
— number
~ — **on & after** this year
+ — plus
≈ — **prior** to this year
→ — transfer to
? — name or initials of
 person is missing, or not sure if
 information is correct
† — known dead
[] — another name,
 spelling of a name, or year
 book pub
{ } — name (shortened or
 abbreviated) used in books
 (author citation)





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A

Abbenes, Dirk

Book 1987] *Determineren van Rebutia* [w J Pot] Krommenie, Netherlands; 72p.



† **Abbey**, Edward Paul (29 Jan 1927–14 Mar 1989); US naturalist, novelist & philosopher; MA in philosophy at Univ of New Mex, Albuquerque 1956; park ranger at Arches Nat'l Monument, Utah; author of fiction & nonfiction novels;

Book [1973] *Cactus Country — The American Wilderness* [w editors of Time-Life Books] Alexandria, Virginia; Eng; 184p; (1978 edition "*Cactus Country – The World's Wild Places*" by Time Life, UK; 184p).

Abbey Garden, US; a Calif c&s nursery & book & journal publishing firm; founded by SE Haselton in West Union, Calif in 1936.

He sold the nursery business to CE Glass & RA Foster in 1964 who eventually moved it to Santa Barbara, Calif; the publishing part and book library bought from SE Haselton; in Reseda, Calif 1965;

Book [c1980] *How to Care for your C&S* Carpenteria, Calif; Eng; 4p.



†**Abbott**, (Dr med) William Louis (23 Feb 1860–2 Apr 1936); US physician & field naturalist; MD at Univ of Pennsylvania, Philadelphia 1884; worked in Malaysia & Indonesia 1896–15 & in Haiti & Dominican Rep 1916–23; explored for birds & zoological specimens in Greater Antilles 1883, East Africa 1887–90, Kashmir, Turkistan, Sumatra, Borneo, Mada & many other East Indies islands 1890~.

genus nah:

Neoabbottia (Caribbean Islands) (desc & nah by NL Britton & JN Rose 1921) (syn of *Leptocereus* B&R).



†**Aberle**, David Friend (23 Nov 1918–23 Sep 2004); US to Canada 1967; BA in Eng literature at Harvard College 1940; Canadian anthropologist; prof of anthropology at Univ of British Columbia 1967–83; spouse Kathleen [née Gough] Aberle (–1990);

Book [1966] *The Peyote Religion among the Navaho* Chicago, Illinois; Eng; 454p; (1991 2nd edition w 520p).

Abraham, Wolf-Rainer (1952–); {W.R.Abraham}; Ger chemist; head of research group, Helmholtz Centre for Infection Research; collected in Brazil; interested in cacti (especially *Notocactus* & *Discocactus*);

Book [1988] *Feldnummernliste der Südamerika-Reisen 1982/83, 1985/86, 1987/88* Hillerse, Ger; Ger; 38p; **desc species:**

(Frailea) **buenekeri** (Rio Grande do Sul) 1990 (disc by RW Buneker 1987 & nah),

(*Notocactus*) **rudibuenekeri** (Rio Grande do Sul) 1988 (na Rudi W Buneker) —> **Parodia**

rudibuenekeri by A Hofacker & PJ Braun 1998;

desc variety:

(*Notocactus scopa* var) **marchesii** (Uruguay) 1989 (disc by E Marchesi & nah) —> **Parodia scopa** ssp **marchesii** by A Hofacker 1998.

Abramowicz, Mieczyslaw; Poland

Book [1986] *Uprawa Kaktusow* = “Growing Cacti” [w S Hinz] Szczecin, Poland; Polish; 206p w 48p color photos.



†**Abrams**, (Prof) (Dr) LeRoy (1 Oct 1874–15 Aug 1956); {Abrams}; US botanist & taxonomist; PhD at Columbia Univ 1910; worked at NY Bot Garden w NL Britton,

JK Small & PA Rydberg as a graduate fellow in botany at Columbia Univ 1904–05; assistant curator at US Natl Herbarium 1905–06; prof of botany & taxonomy at Stanford Univ 1906–48 & on staff of Dudley Herbarium; collected in s Calif late 1890s–1905; spouse Letitia [née Patterson] Abrams;

Book [1923–60] *An Illustrated Flora of the Pacific States: Washington, Oregon & Calif* Stanford, Calif; Eng; in 4 Vols;

[1923] Vol 1; 557p; by Abrams;

[1944] Vol 2; 635p; by Abrams;

[1951] Vol 3; 866p; by Abrams;

[1960] Vol 4; 732p; by Abrams & Roxanna (née Stinchfield) Ferris;

species nah:

(Dudleya) **abramsii** (Calif, Baja Calif) (desc & nah by JN Rose 1903).

Ace, Edith L;

Book [1979] *Healing with Aloe vera: The Poor Man's Pharmacy* Pataskala, Ohio; 64p.

Acebes, [Acebes Ginovés,] (Dr) Juan Ramón (1950–); {Acebes}; Spanish pharmacist; prof of de biologia vegetal farmacia, Univ La Laguna, Tenerife Island in Canary Islands; interested in taxonomy, ecology & molecular biology;

transfer species:

"*Sempervivum lowei*" (JAR Paiva 1867) —> **Monanthes lowei** [w PL Perez de Paz] 1984.

†**Achten**, (Maria?) Lode Théodoor (1883–1933); collected in Zaire 1922–25;

disc species:

(Ceropegia) **achtenii** (Togo, Zaire, Angola, Zimbabwe) c1922 (desc & nah by EAJ de Wildeman 1928).

†**Ackermann**, George Jan 1803–22 Aug 1891); British artist & agent for his father's [Rudolph Ackermann] book & art print publishing business; importer of cacti & cactus grower; explored in Mex 1829; **Species nah:**

(Epiphyllum) **ackermannii** (Oaxaca, Veracruz) (desc & nah by AH Haworth 1829) —> **Disocactus ackermannii** by WA Barthlott 1991.



†**Acocks**, John Phillip Harison (7 Apr 1911–20 May 1979); RSA ecologist & botanist; MSc at Cape Town Univ 1935; pasture ecologist of Pasture Research Section of Division of Plant Industry 1936–45; botanist & ecologist at Bot Research Institute 1945–48; ecologist at Grootfontein College of Agriculture, Middelburg, C.P. 1948~; collected over 28,000 bot specimens from RSA; CSSA Fellow award 1941; Senior Capt. Scott Medal of S African Biological Soc award 1977;

Book [1953] *Veld Types of S Africa* Pretoria, RSA; 192p; (1975 Eng edition; 128p) (1988 edition; 146p);

species nah:

(Delosperma) **acocksii** (Cape) (desc & nah by HML Bolus 1958),

(Ruschia) **acocksii** (Northern Cape) (desc & nah by HML Bolus 1954);

disc species:

(Brachystelma) **canum** (North-West) 1956 (desc by RA Dyer 1977),

(Brachystelma) **incanum** (North-West, Zimbabwe) 1946 (desc by RA Dyer 1976).

Adam, Véronique

Book [1988] *Étude de Chloroplastes Isolés de Feuilles de Kalanchoe blossfeldiana, Plante à Métabolisme Crassulacéen (Isolement, Caractérisation Enzymatique et Propriétés Photosynthétiques* Paris, France; French; 115p.

Adams, Bryan Roger (1942–); {B.R.Adams}; British agronomist, tree crop researcher & taxonomist; MSc in angiosperm taxonomy at Univ of Liverpool, UK 1996; worked in Kenya 1967–75, Montserrat, West Indies 1975–77, Belize 1978–83, Zimbabwe 1987–91, Univ of Southampton, UK 1993–96 & commercial seeds company in UK 1997~; IOS member 1978~;

desc species:

(Sarcostemma) **resiliens** [w RWK Holland] (Kenya) 1978 —> **Cynanchum resiliens** by DJ Goyder 2009,

(Sarcostemma) **stolonifera** [w RWK Holland] (Kenya, Tanzania) 1978 —> **Cynanchum stoloniferum** by DJ Goyder 2009,

(Sarcostemma) **subterranea** [w RWK Holland] (Kenya, Tanzania) 1978.

Adams, Charles Francis (18 Aug 1807–21 Nov 1886); born in Boston, Massachusetts to England, back to USA; son and grandson of two Presidents of US; Lawyer & Politician; in charge of the Adams National

Historical Park in Quincy, Massachusetts that included the home of father and grandfather; graduated from Harvard College in 1825; spouse Abigail [Brooks] Adams;

Book [1957] *Plants of Joshua Tree Natl Monument (A Checklist)* Globe, Arizona; Eng; 44p.

Adams, Jill;

Book [1976] *Wildflowers of the Northern Cape* = "Veldblomme van Noord-Kaapland" Cape Town, RSA; Eng/Afrikaans; 180p w color plates.

†**Adamson**, George Alexander Graham (3 Feb 1906–20 Aug 1989); India to Kenya 1924; wildlife conservationist and game warden, Kenya 1938~; spouse J Adamson;

disc species:

(Euphorbia) **samburuensis** (Kenya) 1940 (desc by S Carter & PRO Bally 1982).



†**Adamson**, [née Gessner, Friederike Viktoria] **Joy** (20 Jan 1910–3 Jan 1980); Austrian to Kenya 1937; collected in Kenya w second spouse, PRO Bally; artist whose flower paintings earned her the Grenfell Gold Medal by Royal Horticultural Soc 1947; wildlife conservationist w spouse G Adamson 1944~; famous for raising lion Elsa & her book *Born Free* in 1960; first spouse Victor von Klarwill (1910–); second spouse PRO Bally; third spouse G Adamson;

disc species:

(Euphorbia) **subscandens** (Kenya) 1946 (desc by S Carter & PRO Bally 1982),

(Euphorbia) **sumati** (Kenya) 1944 (desc by S Carter 2000),

(Euphorbia) **tescorum** (Uganda, Kenya, Ethiopia) 1944 (desc by S Carter 1982),

(Euphorbia) **vulcanorum** (Kenya) 1942 (desc by S Carter 1982),

(Monadenium) **nudicaule** (Tanzania) 1942 (desc by PRO Bally 1959).



†**Adamson**, (Dr) Robert Stephen (2 Mar 1885–6 Nov 1965); {Adamson}; British botanist; DSc at Edinburgh Univ, Eng 1907; lecturer at Manchester Univ, Eng 1907–23; botanist at Cape Town Univ, RSA 1923–50; specialized in plant taxonomy; pres of Royal Soc of S Africa 1946–48; back to Britain 1950; Fellow of Royal Soc of S Africa & pres 1946–48;

Book [1929] *The Bot Features of the S Western Cape Prov* Wynberg, RSA; 127p; (essays by RS

Adamson,

RH Compton, PA van der Byl, MRB Levyns & EL Stephens),

[1938] *The Vegetation of S Africa* London; Eng; 235p,

[1950] *Flora of the Cape Peninsula* [w TM Salter] Cape Town, RSA; 889p; (Mesemb 17p, Crassulaceae 11p);

species nah:

(Liriothamnus) **adamsonii** (Northern Cape, Western Cape) (desc & nah by RH Compton 1931)

—> **Trachyandra adamsonii** by AA Obermeyer 1962;

disc species:

(Acrosanthes) **microphylla** (Cape) 1959 (desc by him 1959);

desc species:

(Aizoon) **schellenbergii** (Namibia) 1959 (na GAL Schellenberg),

Crassula) **brachyphylla** (Western Cape, Northern Cape) 1942 —> **Crassula decumbens** var

brachyphylla by HR Tolken 1975,

(Galena) **acutifolia** (Northern Cape) 1956,

(Galena) **cymosa** (Eastern & Western Cape) 1956,

(Galena) **exigua** (Northern Cape, Free State) 1956,

(Galena) **hemisphaerica** (Namaq) 1956,

(Galena) **rigida** (Northern Cape, Western Cape) 1956,

(Galena) **subcarnosa** (Northern Cape, Eastern Cape, Zimbabwe) 1956,

(Plinthus) **arenarius** (Northern Cape, Namibia) 1961,
 (Tetragonia) **acanthocarpa** (Northern Cape, Eastern Cape, Free State) 1955,
 (Tetragonia) **caesia** (Western Cape) 1955,
 (Tetragonia) **erecta** (Western Cape) 1955,
 (Tetragonia) **lasiantha** (Western Cape) 1955,
 (Tetragonia) **pillansii** (Little Namaq) 1955 (na NS Pillans),
 (Tetragonia) **sphaerocarpa** (Western Cape) 1955.



† **Adanson**, Michel (7 Apr 1727–3 Aug 1806); { Adans. }; French botanist, systematist, naturalist, taxonomist & biologist; member of Académie Royale des Sciences 1750~; student of B de Jussieu; pioneer investigator of tropical west Africa; traveled & disc the Baobab (*Adansonia digitata*) in Senegal 1749; spouse Jeanne [née Bénard] Adanson;

Book [1763–64] *Familles des Plantes*; in 2 Vols;

[**This book** was first to propose a natural” classification of flowering plants — challenging C Linnaeus’ system based on “flower” morphology; proposal not popular until AL de Jussieu proposed a similar system in 1789 to replace C Linnaeus’ system.];

genus nah:

Adansonia (Africa, Australia, Mada) (desc & nah by C Linnaeus 1759);

desc genera:

Ceratostyles (Caribbean Islands, S Amer) 1763,

Kalanchoe (Asia, Africa, Mada, Amer, India, Indochina, Malaysia, Cyprus & Socotra Islands) 1763,

Moringa (India) 1763,

Talinum (Tropical & subtropical zones of both hemispheres, particularly Namibia, Mex, West Indies to British Columbia) 1763;

species nah:

(Tula) **adansonii** (Peru) (desc & nah by JJ Roemer & JA Schultes 1819) —> **Nolana adansonii** by IM Johnston 1936;

disc species:

(*Adansonia*) **digitata** (Africa, Australia, Mada) 1749 (desc by C Linnaeus 1759).

Afferni, Massimo (1 Jul 1945–); { Afferni }; Italian horticulturist & mathematician; interested in Mamm & Opuntia 1989~;

Book [2002] *Geometria e Matematica Della Forma dei Cacti* = "mathematics of geometric patterns found in cacti" Firenze, Italy; Italian; 94p.

Afonkin, Sergei U; Russian horticulturist;

Book [2001] *Kaktusy* St. Petersburg, Russia; Russian; 95p; (editor of).



† **Agassiz**, Alexander Emmanuel Rodolphe (17 Dec 1835–27 Mar 1910); Swiss to US 1847; mining engineer, marine biologist & naturalist; BS in civil engineering & natural history at Harvard Univ 1857; zoologist at Museum of Comparative Zoology, Cambridge, Massachusetts 1860~; superintendent & pres of copper mines in Lake Superior area 1867~; interested in Marine organisms; collected in Chile, Ecuador, Galapagos Islands, Easter Island & Magdalena Island; spouse Anna [nee Russell] Agassiz (–1873);

disc species:

(*Opuntia*) **pycnantha** (Baja Calif, Magdalena Island) 1872 (desc by JM Coulter 1896).

† **Agate**, Alfred Thomas (14 Feb 1812–5 Jan 1846); US artist; artistic painting & drawing member of LT Charles (1798–1877) Wilkes US Pacific Exploring Expedition of 1838–42; spouse Elizabeth

[née Hill Kennedy] Agate;

disc species:

(*Cereus*) **acanthurus** (Peru) 1839 (desc by FKJ Vaupel 1913) —> **Cleistocactus acanthurus**.



Agnew, (Dr) Andrew David Quentin (31 Dec 1929–); {Agnew}; India to UK to Iraq to Kenya back to UK; scientist w interest in plant ecology, taxonomy & terrestrial animals; PhD at Univ of Wales, Bangor, UK 1957; teacher at Univ of St Andrews in UK, Univ of Baghdad in Iraq, Univ of Nairobi in Kenya & Univ of Wales in UK; consultant to ODA/Kenya Trypanosomiasis Research Institute 1992-97; chairman of East Africa Natural History Soc; first spouse

Shirley [née Smithson] Agnew; second spouse Janie Agnew;

Book [2013] *Upland Kenya Wild Flowers & Ferns* Nairobi, Kenya; Eng; 3rd edition; [w LE Newton on Aloe & Sansevieria DJ Goyder on Apocynaceae, including Stapeliads & PS Masinde on Cissus];

desc species:

(*Pelargonium*) **quercetorum** (Turkey, Iraq, Iran) 1967;

transfer species:

“*Coleus amboinicus*” (RLA Gurke 1790) —> **Plectranthus amboinicus** 1825,

“*Coleus tetensis*” (JG Baker 1900) to **Plectranthus tetensis** 1974.

†**Agocsy**, [Agócsy,] (Dr) Pál [Pálal] (28 Jun 1922–30 July 1997); Hungarian malocologist; on staff at Hungarian Natural History Museum;

Book [1985] *Kaktuszok Pozsgások* = “Kakteen und andere Sukkulente[n]” [w K Biro] Budapest, Hungary; Hungarian; 63p.

Aguilar, Rafaela Paredes;

Book [2000] *Cactáceas de Sonora, Mex: su Diversidad, Uso y Conservación* [w TR van Devender & RS Felger] Tucson, Arizona; Spanish; 143p.



†**Ahles**, Harry E (28 Oct 1924–21 Mar 1981); {H.E.Ahles}; US naturalist; curator of herbarium at Univ of Illinois c1942, at Univ of N Carolina 1956-66 & at Univ of Massachusetts, Amherst;

transfer species:

“*Diamorpha smallii*” (NL Britton 1905) —> **Sedum smallii** 1964.

Aikokai, Gymno;

Book [1990] *Gymnocalycium Handbook* Fukushima, Japan; Japanese; 104p.

†**Ainslie**, (Dr med) (Sir) Whitelaw (17 Dec 1767–29 Apr 1837); {Ainslie}; British physician & medical botanist; MD at Leiden Univ 1786; surgeon at East India Company 1788–1815; knighted 1835;

desc species:

(*Euphorbia*) **tortilis** (India) 1826.

†**Aitchison**, (Dr med) James Edward Tierney (28 Oct 1835–30 Sep 1898); {Aitch.}; Eng botanist, naturalist & physician; brigade surgeon in Bengal Medical Service, India 1858; explored in India 1861–72 & Afghanistan 1879–83; honorary LLD at Univ of Edinburgh 1889;

Book [1865] *Flora of Jhelum District of the Punjab*;

disc species:

(*Caralluma*) **tuberculata** (India, Afghanistan, Pakistan, Jordan, Saudi Arabia, Yemen) c1865 (desc by NE Brown 1892);

desc species:

(*Sedum*) **pachyclados** [w WB Hemsley] (Afghanistan, Pakistan) 1880 —> **Rhodiola pachyclados** by

H Ohba 1976.

†**Aitken**, (Dr med) Robert Douglas (28 Apr 1900–19 Apr 1974); RSA botanist & medical missionary; DSc at Univ of S Africa 1924; MD in Edinburgh Univ, Scotland 1933; botanist at Natal Univ, RSA 1920–24; medical superintendant at Donald Fraser Memorial Hospital, Sibasa, N Transvaal, RSA 1933–69; collected in Natal, at times with GW Gale;

Book [1921] *Bot Survey of Natal & Zululand* [w GW Gale] Pretoria, RSA; 19p.



†**Aiton**, Wm (1731–2 Feb 1793); {Aiton}; Scottish gardener & botanist; to Eng 1754; trained as gardener by P Miller at Chelsea Physic Garden, London, Eng; became first superintendent of physic garden at Kew 1759~; son WT Aiton;

Book [1789] *Hortus Kewensis* = “A catalogue of plants cultivated in Royal Bot Garden at Kew” London, Eng; Eng; (in 3 Vols);

Vol 1=596p,

Vol 2=460p,

Vol 3=547p;

But descriptions in Vols 1&2 were by DC Solander & in Vol 3 by JC Dryander

desc genera:

Cyrtanthus (RSA) 1789,

Pelargonium (RSA, Namibia) 1789;

species nah:

(Mesemb) **aitonis** (desc & nah by NJ von Jacquin 1776);

desc species:

(Agave) **lurida** (Oaxaca) 1789,

(Crassula) **expansa** (Natal, Cape) 1789,

(Crassula) **lactea** (Eastern Cape, Western Cape) 1789,

(Crassula) **marginalis** (Western Cape, Eastern Cape) 1789 —> **Crassula pellucida** ssp **marginalis** by HR Tolken 1975,

(Euphorbia) **balsamifera** (Canary Islands, Mauritania, Senegal to Niger) 1789,

(Euphorbia) **meloformis** (Eastern Cape) 1789 (disc by T Masson 1773),

(Euphorbia) **piscatoria** (Madeira Islands) 1789,

(Mesemb) **australe** (New Zealand) 1789 —> **Disphyma australe** by JM Black 1932,

(Mesemb) **bracteatum** (Western Cape) 1789 —> **Erepsia bracteata** by MHG Schwantes 1928,

(Mesemb) **brevifolium** (Western Cape) 1789 —> **Drosanthemum brevifolium** by MHG Schwantes

1927,

(Mesemb) **caducum** (RSA, Australia) 1789 —> **Psilocaulon caducum** by NE Brown 1928,

(Mesemb) **ciliatum** (Northern Cape, Western Cape) 1789 —> **Brownanthus ciliatus** by

MHG Schwantes 1927,

(Mesemb) **compactum** (Western Cape) 1789 —> **Pleiospilos compactus** by MHG Schwantes 1927,

(Mesemb) **deflexum** (RSA) 1789 —> **Lampranthus deflexus** by NE Brown 1930,

(Mesemb) **digitatum** (Western Cape) 1789 —> **Phyllobolus digitatus** by M Gerbaulet 1997,

(Mesemb) **glabrum** (Western Cape) 1789 —> **Hymenogyne glabra** by AH Haworth 1821,

(Mesemb) **grossum** (Western Cape, Eastern Cape) 1789 —> **Phyllobolus grossus** by M Gerbaulet

1997,

(Mesemb) **helianthoides** (Western Cape) 1789 —> **Apatesia helianthoides** by NE Brown 1927,

(Mesemb) **laeve** (Western Cape) 1789 & —> **Amphibolia laevis** by HEK Hartmann 2001,

(Mesemb) **molle** (Western Cape) 1789 —> **Malephora mollis** by NE Brown 1927,

(Mesemb) **pallens** (Western Cape) 1789 —> **Phyllobolus pallens** by NE Brown 1928,

(Mesemb) **reptans** (RSA) 1789 (disc by SF Masson c1774) —> **Lampranthus reptans** by NE Brown

1930,

(Mesemb) **testiculare** (Western Cape) 1789 (disc by SF Masson) —> **Argyroderma testiculare** by NE Brown 1922,
 (Mesemb) **viridiflorum** (Western Cape) 1789 —> **Phyllobolus viridiflorus** by M Gerbaulet 1997,
 (Sedum) **divaricatum** (Madeira Islands) 1789 —> **Aichryson divaricatum** by RL Praeger 1932,
 (Sedum) **nudum** (Madeira Islands) 1789 (disc by F Masson c1777),
 (Sempervivum) **glandulosum** (Madeira Islands) 1789 —> **Aeonium glandulosum** by PB Webb & WS Berthelot 1840,
 (Sempervivum) **glutinosum** (Madeira Islands) 1789 —> **Aeonium glutinosum** by PB Webb & WS Berthelot 1840,
 (Sempervivum) **tortuosum** (Canary Islands) 1789 —> **Aichryson tortuosum** by PB Webb & S Berthelot 1840,
 (Sempervivum) **villosum** (Canary Islands) 1789 —> **Aichryson villosum** by PB Webb & S Berthelot 1840,
 (Stapelia) **articulata** (Northern Cape) 1789 (disc by CP Thunberg 1773) —> **Pectinaria articulata** by AH Haworth 1819,
 (Tetragonia) **echinata** (Western Cape, Eastern Cape) 1789;
transfer species:
 "Amaryllis radula" (NJ von Jacquin 1797) —> **Brunsvigia radula** 1811,
 "Polymnia carnosae" (C von Linne *fil.* 1782) —> **Didelta carnosae** 1789;
desc variety:
 (Aloe maculata var) **pulchra** (Eastern Cape) 1789 —> **Gasteria pulchra** by AH Haworth 1912,
 (Aloe margaritifera var) **minima** (Western Cape) 1789 —> **Haworthia minima** by AH Haworth 1812,
 (Aloe perfoliata var) **lineata** (Western Cape, Eastern Cape) 1789 —> **Aloe lineata** by AH Haworth 1804,
 (Aloe perfoliata var) **saponaria** 1789 —> **Aloe saponaria** by AH Haworth 1804.

† **Aiton**, Wm Townsend (2 Feb 1766–9 Oct 1849); {W.T.Aiton}; British gardener & botanist; curator at Kew upon father's death 1793–1845; founding member of Royal Horticultural Soc 1804; explored in S Amer; father W Aiton;

Book [1810–13] *Hortus Kewensis* (a catalogue of plants cultivated in the Royal Bot Gardens at Kew & was an enlarged 2nd edition of father's book of same name); London, Eng; Eng;
 (in 5 Vols);

[1810] Vol 1; 407p;
 [1811] Vol 2; 432p;
 [1811] Vol 3; 432p;
 [1812] Vol 4; 522p;
 [1813] Vol 5; over 302p;

desc species:

(Cissus) **quinata** (Zambia, Mozambique, Natal, Eastern Cape) 1810 —> **Cyphostemma quinatum** by H Wild & RB Drummond 1966;

transfer species:

"Agave tuberosa" (P Miller 1768) —> **Furcraea tuberosa** 1811.



† **Ake Assi**, [Aké Assi,] (Prof) (Dr) Laurent (10 Aug 1931–14 Jan 2014); {Aké Assi}; Ivory Coast botanist; prof of botany 1964~ & DSc in botany 1984 at Univ of d'Abidjan, Ivory Coast; collected in Ivory Coast, Guinea, Upper Volta, Togo, Benin, Niger, Ghana, Cameroon, Central African Rep, Kenya, Nigeria, Mali, Gabon, Congo, Uganda & Chad 1954~, Brazil 1974 & West Indies 1981–89;

desc species:

(*Dorstenia*) **astyanactis** (Ivory Coast) 1967.

Aker, (Dr) Charles L; US/Nicaraguan biologist; PhD at Univ of Oregon, Eugene 1981; prof at Universidad Nacional Autónoma de Nicaragua León, Nicaragua;

Book [1981] *Co-evolution of Yucca whipplei & its pollinator Tegeticula maculata (Lepidoptera: Prodoxidae)*; 132p: (PhD thesis).



†**Akers, John** Frank (16 Feb 1906–9 Oct 1967); {Akers}; US botanist; specialized on Cactaceae; author & scholar of Peruvian plants; collected cactus in Peru 1943–47; CSSA Fellow award 1963; spouse Dorothy Akers;

genus nah:

Akersia (desc & nah by AFH Buining 1961) (syn of *Cleistocactus* LEMAIRE);

desc genera:

Azureocereus [w JH Johnson, Sr] (Peru) 1949 (disc by them 1948) (syn of *Browningia* B&R),

Maritimocereus [w AFH Buining] 1950 (syn of *Cleistocactus* LEMAIRE),

Peruvocereus 1947 (syn of *Haageocereus* BACKEBERG);

desc species:

(*Borziocactus*) **tessellatus** [w AFH Buining] (Peru) 1954 —> **Cleistocactus fieldianus** ssp **tessallatus** by C Ostolaza 1998.

Akhiani, Khadijeh (1950–); {Akhiani};

desc species:

(*Sedum*) **elburzense** [w M Assadi] (Iran) 2000.

Akhter, (Dr) Rubina (1954–); Pakistan; graduate at Wien Univ; curator at Government of Pakistan;

Book [1984] *Agavaceae (Vole 156 of Flora of Pakistan)* [w SA Ghazanfar] Islamabad, Pakistan; 10p.

Akiyama, Einen [?H?]; Japa

Book [1966] *Colour Compact: Cactaceae Series No. 1007* Tokyo, Japan; Japanese; 153p w 226 color photos.

Alan Fletcher Research Station; Queensland Dept of Lands;

Book [1983] *Biological Control of Harrisia Cactus* Sherwood, Queensland, Australia; Eng; 9p,

[1976] *Harrisia Cactus and its Control (Harrisia martinii)* Sherwood; Eng; 8p.

Albano, Pierre-Olivier;

Book [2006] *Les Yuccas, Agaves et Aloes Pas a Pas*; 96p.



Albers, (Prof) (Dr) Focke (22 Oct 1940–); {F.Albers}; Ger botanist; PhD at Botanischen Institut, Kiel Univ 1970; prof of botany at Botanischen Institut & dir of bot garden, Münster, Ger 1984; working on karyology & morphology of Asclepiadaceae & Geraniaceae; explored in RSA 1982, 1983, 1990 & 1996; IOS member 1982 & vp 1999–2002;

Book [2001–03] *Succ Lexicon — Illustrated Handbook of Succ Plants* Berlin, Ger; Eng edition; (in 6 Vols); series editors: U Eggli & HEK Hartmann;

[2002] Vol 4; *Asclepiadaceae*; Heidelberg, Ger; 318p + 48p of color plates w 472 photos; (book editors F Albers & U Meve);

species nah:

(*Cibirhiza*) **albersiana** (Tanzania, Zambia) (desc & nah by H Kunze, U Meve & SL Liede 1994),

(*Quaqua*) **albersii** (Western Cape) (desc & nah by DCH Plowes 1994);

desc species:

(Ceropegia) **kituloensis** [w PS Masinde] (Tanzania) 2000;

transfer species:

- “Sarcocaulon camdeboense” (RO Moffett 1979) —> **Monsonia camdeboensis** 1996,
- “Sarcocaulon ciliatum” (RO Moffett 1979) —> **Monsonia ciliata** 1996,
- “Sarcocaulon crassicaule” (SAE Rehm 1935) —> **Monsonia crassicaulis** 1996,
- “Sarcocaulon flavescens” (SAE Rehm 1935) —> **Monsonia flavescens** 1996,
- “Sarcocaulon herrei” (HML Bolus 1932) —> **Monsonia herrei** 1996,
- “Sarcocaulon inerme” (SAE Rehm 1935) —> **Monsonia inermis** 1996,
- “Sarcocaulon marlothii” (HGA Engler 1889) —> **Monsonia marlothii** 1996,
- “Sarcocaulon multifidum” (RGP Knuth 1912) —> **Monsonia multifida** 1996,
- “Sarcocaulon peniculinum” (RO Moffett 1979) —> **Monsonia peniculina** 1996,
- “Sarcocaulon salmoniflorum” (RO Moffett 1979) —> **Monsonia salmoniflora** 1996,
- “Sarcocaulon vanderietiae” (HML Bolus 1932) —> **Monsonia vanderietiae** 1996;

transfer variety:

"Caralluma burchardii var maura" (RCJ Maire 1923) —> **Caralluma burchardii** ssp **maura** [w U Meve] 1995.



Albert, (Dr med) Richard Orvil (10 Sep 1920–10 Mar 1990); US physician in Alice, Texas; MD at Univ of Texas, Houston 1947; 1ST Soise Spouse Katherine [Perkins] Albertm (1922-2007); 2ND Spouse Dr. Margaret [Yanst] Albert;
Book [1972] *The Mexican Thelocactus Expedition of 1972* Alice, Texas; Eng; 116p w no photos.



†**Albertis**, Count Luigi Maria d' (21 Nov 1841– 2 Sep 1901); Italian botanist; collected in Indonesia & Papua New Guinea;
disc species:
(Myrmecodia) **albertisii** (Papua New Guinea) (desc & nah by O Beccari 1884).

†**Alcocer**, (Prof) (Dr) Gabriel Vicente (1852–27 Jul 1916); {Alcocer}; Mex botanist & mathematician;
desc species:
(Euphorbia) **cerifera** (Mex) 1911.

Alcock, (Prof) (Dr) John (13 Nov 1942–); US naturalist & ecologist; PhD at Harvard Univ 1969; prof of zoology at Arizona State Univ;
Book [1985] *Sonoran Desert Spring* Chicago, Illinois; Eng; 194p + 4 color plates,
[1990] *Sonoran Desert Summer* Tucson, Arizona; Eng; 183p,
[2008] *A Desert Illuminated: Cactus Flowers of the Sonoran Desert* [w MA Dimmitt, J Janovy & D Yetman] Tucson, Arizona; dimmittEng; 111p w color photos.



†**Aldinus**, [Aldini,] (Dr med) Tobias (1570-1662); Italian physician, botanist & chemist; MD in Rome 1617; prof in Rome 1597-1634; studied medicinal plants;
Book [1625] *Exactissima Descriptio Rariorum Quarundam Plantarum*; 101p; (includes Yucca & Agave); [actually written by Pietro Castelli (1575-1636) in honor of Tobias Aldinus].



†**Alexander**, Edward Johnston (31 Jul 1901–18 Aug 1985); {Alexander}; US botanist, taxonomist & phytogeographer; BS at Univ of N Carolina 1938; assistant & curator of herbarium & gardens at NY Bot Garden 1928–63; explored in US & Mex; interested in succ plants;
Book [1942] *Succ Plants of New & Old World Deserts* Brooklyn, NY; Eng; 64p;

desc genera:

Cryptocereus (Mex, Costa Rica, Ecuador) 1950 (syn of Selenicereus B&R),

Ortegocactus (Oaxaca) 1961 (na F Ortega family);

species nah:

(Sedum) **alexanderi** (Oaxaca) (desc & nah by U Eggli 2001);

desc species:

(Cactus) **smithii** (Brazil, Guyana) 1939 (disc by AC Smith 1938 & nah) —> **Melocactus smithii** by AFH Buining 1974,

(Cryptocereus) **anthonyanus** (Chiapas) 1950 (disc by TB MacDougall 1946 & na HE Anthony)

—> **Selenicereus anthonyanus** by DR Hunt 1989,

(Echeveria) **alata** (Oaxaca) 1941 (disc by TB MacDougall 1938),

(Echeveria) **bella** (Chiapas) 1941 (disc by TB MacDougall 1938),

(Echeveria) **carminea** (Oaxaca) 1941 (disc by TB MacDougall 1938),

(Echeveria) **spectabilis** (Oaxaca) 1941 (disc by TB MacDougall 1938),

(Epiphyllum) **chrysocardium** (Chiapas) 1956 (disc by TB MacDougall 1951) —> **Selenicereus**

chrysocardium by MW Kimmach 1991,

(Graptopetalum) **grande** (Guerrero, Oaxaca) 1956 (disc by TB MacDougall 1954),

(Graptopetalum) **macdougallii** (Oaxaca) 1940 (disc by TB MacDougall 1937 & nah),

(Lobeira) **macdougallii** (Chiapas) 1944 (na TB MacDougall) —> **Disocactus macdougallii** by WA Barthlott 1991,

(Nyctocereus) **chontalensis** (Oaxaca) 1950 (disc by TB MacDougall 1949) —> **Strophocactus**

chontalensis by R Bauer 2003,

(Ortegocactus) **macdougallii** (Oaxaca) 1961 (disc by F Ortega 1938 & na TB MacDougall),

(Pseudorhipsalis) **macrantha** (Oaxaca) 1942 (disc by TB MacDougall 1939/40) —> **Disocactus**

macranthus by MW Kimmach & PC Hutchison 1957,

(Sedum) **chontalense** (Oaxaca) 1947 (disc by TB MacDougall 1939),

(Sedum) **cuspidatum** (Chiapas) 1946,

(Sedum) **platyphyllum** (Oaxaca) 1942 (disc by TB MacDougall 1939),

(Sedum) **robertsianum** (Texas, Coahuila) 1936 (na K Roberts).

†**Alexander**, Wilfred Backhouse (4 Feb 1885–8 Dec 1965); British ornithologist & entomologist; MA at King's College, Cambridge, Eng 1911; to Australia 1912; keeper of natural history at Western Australian Museum, Perth, Australia 1912–20; officer w Commonwealth Prickly Pear Board, Australia 1920–25; studied natural enemies of Opuntias in Australia; worked at Amer Museum of Natural History 1926–29; returned to Eng 1929; dir of bird census at Oxford Univ & founded its library 1930–45; Alexander Library of Edward Grey Institute of Field Ornithology nah 1947; wrote papers on botany & birds;

Book [1919] *The Prickly Pears in Australia* Melbourne, Australia; Eng; 48p,

[1925] *Natural Enemies of Prickly Pear and their Introduction into Australia* Melbourne; Eng; 80p,

[1925] *The Prickly Pears Acclimatised in Australia* Sydney, Australia; Eng; 41p;

disc species:

(Opuntia) **alexanderi** (La Rioja, Salta) 1921 (desc & nah by NL Britton & JN Rose 1923)

—> **Tephrocactus alexanderi** by C Backeberg 1953.



Al-Gifri, (Prof) (Dr) Abdul Nasser (7 May 1957–); {Al-Gifri}; Yemen; PhD in Poland; prof of biology at Univ of Aden, Yemen;

desc species:

(Aloe) **ahmarensis** [w PB Favell & MB Miller] (Yemen) 1999 (disc by PB Favell 1996),

(Aloe) **irafensis** [w TA McCoy & JJ Lavranos] (sw Arabia) 2004 (disc by AN Al-Gifri, AW Al-Khulaidi & A Al-Zabadi 1998),

(Euphorbia) **applanata** [w M Thulin] (Yemen) 1995,

(Euphorbia) **seibanica** [w JJ Lavranos] (Yemen) 1999 (disc by JJ Lavranos & CCC Meintjes 1962).

Ali, Adnan Mohammed [né Muhiaddin, Adnan]; Iraqi businessman;

Book [1988] *C&OS* Wimborne, Dorset; Arabic; 127p.

Ali, (Prof) (Dr) Syed Irtifaq (bB1930–); {Ali}; Pakistani botanist; prof of botany at Karachi Univ, Pakistan;

Book [1983] *Asclepiadaceae* (Vol 150 of Flora of Pakistan) Karachi, Pakistan; Eng; 65p.



Al-Khulaidi, (Prof) (Dr) Abdul Wali; Yemen botanist; PhD in vegetation & plant geography at Univ of Edinburgh 2006; prof of plant taxonomy & botany at Agricultural Research & Extension Authority, Univ of Taiz, Yemen 1985~;

disc species:

(Aloe) irafensis [w AN Al-Gifri & A Al-Zabadi] (Arabia) 1998 (desc by JJ Lavranos, TA McCoy & AN Al-Gifri 2004).

Allain, Patrick; France;

Book [1973] *Hallucinogenes et Societe. Cannabis et Peyotl, Phenomenes Culturels et Monde de l'Imaginaire* = "Hallucinogenes & Company. Cannabis & Peyotl, Cultural Phenomena & Worlds of the Imaginary One" Paris, France; 190p.

Allain, Yves-Marie;

Book [2005] *Les Cactees et Succulentes* [w J-F Dore]; French; 144p.



†**Allan**, (Dr) Harry Howard Barton (27 Apr 1882–29 Oct 1957); {Allan}; New Zealand ecologist & plant systematist; DSc at Auckland Univ 1923; head of Fielding Agricultural College 1923–27; systematic botanist of scientific research at Christchurch 1928–48; FLS 1917; Fellow of Royal Soc of New Zealand 1928; spouse Louise [née Arnold] Allan;

desc species:

(Tillaea) kirkii (New Zealand) 1961 (na T Kirk) —> *Crassula kirkii* by AP Druce & DR Given 1984.



Allard, (Dr) Harry (27 Jan 1928–); US author of children's books; PhD in French Literature at Yale Univ 1972; moved to southern Mexico;

Book [1991] *The Cactus Flower Bakery*; Eng; 32p; (illustrations by Ned Delaney).

Allen, Melva Janeta; US; MS at Univ of Arizona, Tucson 1932;

Book [1932] *A Study of the Pubescence of Cacti* Tucson, Arizona; Eng; 90p; (MS thesis).

†**Alley**, (Dr) Harold Pugmire (26 Mar 1924–25 Jul 1991); US; PhD at Colorado State Univ 1960; worked at Agricultural Extension Service, Univ of Wyoming, Laramie, Wyoming c1950~; expert on leafy spurge;

Book [1965] *Chemical & Mechanical Control of Plains Pricklypear in Northeastern Wyoming* [w AD Hulett & RM Hyde] Laramie; Eng; 10p,

[1969] *Chemical control of plainspricklypear in Wyoming* [w GA Lee] Laramie, Wyoming, US; 4p.



†**Allioni**, (Prof) (Dr med) Carlo [Charles] Ludovico (23 Sep 1728–30 Jul 1804); {All.}; Italian physician, naturalist, taxonomist & botanist; prof of botany at Torino Atheneum (Univ of Turin) Turin, Italy 1762~; dir of Museo di Scienze Univ 1778~; believed in natural classification of plants; corresponded w C Linnaeus;

Book [1785] *Flora Pedemontana* Italy; in 3 Vols;

species nah:

(Diopogon) allionii (Alps in France, Italy) (desc & nah by CTA Jordan & JP Fourreau 1868)

—> *Sempervivum globiferum* ssp *allionii* by H 't Hart & B Bleij 1999;

desc species:

(Aloe) maculata (Lesotho, Eastern Cape, Western Cape, Free State, Natal, Mpumalanga) 1773 (known to have grown in garden of Dutch East India Company in Cape Town as early as 1695),
(Aloe) succotrina (Western Cape) 1773,
(Sedum) alsinefolium (nw Italy) 1785,
(Sedum) hirsutum (Spain, Portugal, Morocco) 1785.

†**Allnutt**, Henry (11 Aug 1813–21 Oct 1898); British horticultural journalist; possibly the first to use the phrase ‘cacti & other succ’;

Book [1877] *The Cactus & Other Tropical Succulents* London, Eng; Eng; 133p w 59 illustrations.



Allorge, [née Boiteau,] (Dr) Lucille Pierrette (25 Oct 1937–); {L.Allorge or Allorge-Boiteau}; French botanist; DSc; research scientist at Museum Natl d'Histoire Naturelle, Paris, France; collected in French Guiana 1981 & 1987, in Mada 1992–94, in Reunion 1993 & in Venezuela 1995; father PL Boiteau; spouse Bernard Allorge;

Book [1995] *Kalanchoe (Crassulacées) de Mada; Systématique, Écophysiologie et Phytochimie* [w P Boiteau] Paris, France; French; 252p; (illustrations by Dolly Lunais & Marc Rabarijaona);

species nah:

(Aloe) lucile-allorgeae (Mada) (desc by WHH Rauh 1998 & disc by J-H Humbert).



†**Alluaud**, Charles (4 May 1861–12 Dec 1949); Frenchman of independent means, entomologist & naturalist historian; educated at Collège de la Rue des Postes, Paris 1876; collected in Canary Islands 1883 & 1889–90, in Tunisia, Syria, & Turkey 1884–85, in Ivory Coast 1886, in Seychelles 1892, in Mada 1893, 1897, 1900–01 & 1912, in Mascarene Islands 1897, in Tunisia 1898–99 & 1935–36, East Africa 1903, 1908–09 & 1911–12, in Sudan 1905–06, in Central Africa c1908–12, in Morocco 1919–24 & 1932, in Algeria 1929, in Niger & Ivory Coast 1930–31, in Madeira Island 1938, in Guinea; worked with Natural History Museum, Paris, France; spouse Jeanne [née Guillemot] Alluaud;

genera nah:

Alluaudia (desc & nah by E Drake del Castillo 1903),

Alluaudiopsis (desc & nah by J-H Humbert & P Choux 1934).

Almeida, Rafael S (fl. 1998); {R.S.Almeida};

desc species:

(Dracaena) tamaranae [w RA Marrero & M Gonzalez-Martin] (Grand Canary in Canary Islands) 1998.

Alpert, Anold;

Book [1960] *The Metabolism of Glutamic Acid in Bryophyllum calycinum & in Mouse Ascites Tumor Dells*; 116p.

Alpinar, Kerim (1954–); {Alpinar}; Turkey; interested in Araceae & Crassulaceae;

desc species:

(Sedum) **euxinum** [w H 't Hart] (Turkey, Armenia) 1991,

(Sedum) **ince** [w H 't Hart] (Turkey) 1999.

†**Alston**, Arthur Hugh Garfit (4 Sep 1902–17 Mar 1958); {Alston}; British pteridologist & botanist; BA at Oxford Univ, Eng 1924; botanist at Peradeniya, Ceylon 1925–30; dir of pteridophyte section, British Museum of Natural History 1930–; expert on ferns;

desc genus:

Cyphostemma (tropical & subtropical Africa & Mada) 1931 (genus originally desc in 1887 by

JÉ Planchon as a section of genus *Cissus*).

†**Alston**, (Capt) Edward Garwood (14 Jan 1861–1 Dec 1934); RSA surveyor & part-time naturalist; managed agricultural farm at Van Wyk's Vlei, Cape 1884~; collected in Namaq & Eastern Cape 1885–99;
species nah:

(*Adromischus*) **alstonii** (desc & nah by S Schonland & EG Baker 1902) —> **Adromischus alstonii** by CA Smith 1939,

(*Anacampseros*) **alstonii** (Namibia) (desc & nah by S Schonland 1903) —> **Avonia quinaria** ssp **alstonii** by GD Rowley 1994,

(*Cephalophyllum*) **alstonii** (Western Cape) (desc & nah by HML Bolus 1928),

(*Cotyledon*) **alstonii** (desc by S Schoenland & EG Baker 1902) —> **Adromischus alstonii** by CA Smith 1939,

(*Crassula*) **alstonii** (Northern Cape) (desc & nah by HWR Marloth 1910);

disc species:

(*Mesemb*) **lapidiforme** (Western Cape) (desc by HWR Marloth 1914) —> **Didymaotus lapidiformis** by NE Brown 1926,

(*Trichocaulon*) **alstonii** (Northern Cape, Namibia) (desc & nah by NE Brown 1906) —> **Hoodia alstonii** by DCH Plowes 1992.

Alvarez, [Álvarez de Zayas,] Alberto (1949–); {A.Álvarez}; Cuba;
desc species:

(*Agave*) **cajalbanensis** (Cuba) 1981,

(*Agave*) **jarucoensis** (Cuba) 1981,

(*Furcraea*) **antillana** (Cuba, Hispaniola, Puerto Rico) 1996;

desc subsp:

(*Agave brittoniana* ssp) **sancti-spirituensis** (Cuba) 1996,

(*Agave papyrocarpa* ssp) **macrocarpa** (Cuba) 1985;

transfer variety:

“*Agave brittoniana* var *brachypus*” (WA Trelease 1913) —> **Agave brittoniana** ssp **brachypus** 1996.



†**Alverson**, Andrew Halstead (Jul 1845–27 Apr 1916); {Alverson}; US; cactus collector & nurseryman from San Bernardino, Calif 1890s;

disc variety:

(*Cactus radiosus* var) **alversonii** (Calif into Arizona) 1892 (desc & nah by JM Coulter 1894) —> **Escobaria alversonii** by NP Taylor 1997.

Alvin, Delmar; Brazil;

subsp nah:

(*Micranthocereus polyanthus* ssp) **alvinii** (Brazil) 2004 (desc & nah by MC Machado & A Hofacker 2004 & disc by both 2003).

Al-Zabadi, Ali; forest specialist at Agricultural Office, Dhamar, Arabia;

disc species:

(*Aloe*) **irafensis** [w AN Al-Gifri & AW Al-Khulaidi] (Arabia) 1998 (desc by JJ Lavranos, TA McCoy & AN Al-Gifri 2004).



†**Amelia of Greece**, [Amalia, Amalie,] [born Amalie Friederike Maria von Holstein-Gottorp] (21 Dec 1818–20 May 1875); Ger to Greece, Duchess to Queen; she was the Duchess of Oldenburg, Ger & became Queen of Greece when she married Prince Otto of Bavaria, Ger [Otto I Friedrich Ludwig Wittelsbach (1815–1867)] in 1836; they ruled Greece as King & Queen

from 1836–62;

species nah:

(*Sempervivum*) **reginae-amaliae** (Greece, Albania, Hungary, Macedonia) (desc & nah by PE Boissier 1872) —> **Sempervivum marmoreum** ssp **reginae-amaliae** by BJM Zonneveld 1999.

Amano, M; {M.Amano}; [?prof at Natural Museum & Institute, Chiba, Japan;?]

transfer species:

“*Sedum oishii*” (J Ohwi 1971) —> **Hylotelephium sordidum** var **oishii** [w H Ohba] 1990.

† **Ambrose**, Jean (25 Feb 1915–); collected in S Rhodesia & Mozambique for LC Leach; spouse MN Ambrose;

disc species:

(*Euphorbia*) **ambroseae** (Mozambique) 1960 (desc & nah by LC Leach 1964).

Amelunxen, CP;

Book [1931] *De Cactusflora Van Curacao* Amsterdam, Netherlands; Dutch; 24p.

American Horticultural Soc;

Book [1982] *C&S (Illustrated Enc of Gardening Series)*; Eng; 143p.



Amerhauser, Helmut (20 Aug 1941–); {Amerh.}; Austrian cactus collector; specialist on *Gymnocalycium*; co-founder of Austrian *Arbeitsgemeinschaft Gymnocalycium*; explored in Argentina, Bolivia & Paraguay; spouse Doris Amerhauser (19 Jul 1943–);

disc species:

(*Gymnocalycium*) **amerhauseri** (Cordoba) 1988 (desc & nah by JA Till 1994);

desc species:

° (*Gymnocalycium*) **chacoense** (Santa Cruz B) 1999 (disc by H-J Jucker 1986);

desc subsp:

(*Gymnocalycium mostii* ssp) **ferocior** [w JA Till] (Cordoba) 2002 (disc by H Fechser c1966)

—> **Gymnocalycium castellanosi** ssp **ferocior** by GJ Charles 2005.

† **Amhaus**, Hugo;

Book [1916] *Über Die Biologie Der Sukkulanten* Neudamm, Ger; Ger; 48p.

Amin, Mohaed;

Book [1994] *Journey through Namibia* [w T Shah & D Willetts] Nairobi, Kenya; Eng; 192p w color photos.



† **Amiran**, [né Horst Kelner,] (Prof) (Dr) David (1910–2003); Ger to Israel; geographer; PhD at Univ of Bern, Switzerland 1935; prof of geography at Hebrew Univ 1935~; spouse Ruth [née Brandshteter] Amiran (1914–2005);

Book [1973] *Coastal Deserts, Their Natural & Human Environments* [w AW Wilson] Tucson, Arizona; Eng; 207p.

Amstutz, [Amstütz,] Erika (1938–); {Amstutz}; Fer to Peru; Peruvian botanist in Oyora, Peru; collected in Peru; interested in genus *Isoetaceae*;

disc species:

(*Gymnocereus*) **amstutziae** (Peru) 1956 (desc & nah WHH Rauh & C Beckeberg 1957)

—> **Browningia amstutziae** by H Krainz 1965.

Amundsen, JC;

Book [1971] *Seed germination in Pachycormus discolor & the Physiological Basis for Species Distribution in Pachycormus discolor and Bursera microphylla* Irvin; 108p.

Anceschi, Giovanna (fl.2010); botanist, Linnaean taxonomist & phylogenest; explored in Argentina, Bolivia, Brazil, Chile, Paraguay, Peru, Uruguay;

transfer species:

"Notocactus neobuenekeri" (F Ritter 1979) —> **Parodia neobuenekeri** [w A Magli] 2010.

Andersohn, Günther; Ger horticulturist; former Direktor des Palmengartens, Frankfurt 1955; explored in Mex, sw US & RSA;

Book [1978] *Kakteen* Köln, Ger; Ger; 80p w 24 color photos,

[1982] *Kakteen und andere Sukkulente* München, Ger; Ger; 316p,

[1983] *C&S* Wakefield, Eng; Eng; 312p w 514 color photos.

†**Anderson**, Anders H (1899–1983); US electrician & amateur ornithologist; spouse Anne Anderson;

Book [1972] *The Cactus Wren* [w Anne Anderson] Tucson, Arizona; Eng; 226p.

†**Anderson**, Anne (1901-1990); amateur ornithologist; spouse AH Anderson;

Book [1972] *The Cactus Wren* [w AH Anderson] Tucson, Arizona; Eng; 226p.

Anderson, CM;

Book [1987] *Phase Control of the Circadian Rhythm of Carbon Dioxide exchange in Leaves of Bryophyllum fedtschenkoe* (Carbon Dioxide Exchange) Glasgow, Scotland; Eng; 262p.

Anderson, DC;

Book [1980] *A Report of Pediocactus sileri* (Engelm.) L.Benson in Arizona & Utah [w RK Gierisch]; Eng; 24p.



†**Anderson**, (Prof) (Dr) Edward [Ted] Frederick (17 Jun 1932–29 Mar 2001);

{E.F.Anderson}; US biologist, botanist & taxonomist; PhD in botany (student of LD Benson) at Claremont Graduate School, Pomona College, Calif 1961; prof of biology at Whitman College,

Walla Walla, Washington 1976–92; senior research botanist at Desert Bot Garden, Phoenix, Arizona

1992~; researcher (some 45 yrs) on cacti, especially in taxonomy of Echinocactanae & Coryphanthanae;

IOS member 1974, vp 1985–88, pres 1989–94 & secretary 1995–98;

CSSA Fellow award 1975; Monaco Cactus d'Or award 1998; explored in US, Mex, Bolivia, Chile, Peru & Argentina; spouse Adele Anderson;

Book [1961] *A Taxonomic Revision of Ariocarpus, Lophophora, Pelecyphora and Obregonia* Claremont, Calif; Eng; 224p w illustrations in black & white; (PhD thesis),

[1967] *An Account of my Cactus Collecting trip to the Galapagos Islands*; Eng; 15p,

[1980] *Peyote The Divine Cactus* Tucson, Arizona; Eng; 248p (rev & expanded 1996; 273p),

[1992] *A Taxonomic Revision of Ariocarpus, Lophophora, Pelecyphora, & Obregonia* (family

Cactaceae) Pomona, Calif; Eng; 224p; (PhD thesis, 1961),

[1994] *Threatened Cacti of Mex* [w S Arias Montes, A Cattabriga & NP Taylor] Kew, Eng; Eng; 136p w 29 color plates,

[2001] *The Cactus Family* Portland, Oregon; Eng; 776p w 1,016 color photos;

desc species:

(Ariocarpus) **bravoanus** [w HM Hernandez] (San Luis Potosi) 1992 (disc by HM Hernandez 1991 & na H Bravo-Hollis),

(Echinocereus) **mapimiensis** [w WC Hodgson & P Quirk] (Coahuila) 1998 (disc by DJ Keil & LA McGill 1971);

transfer species:

“Echinocactus roseanus” (F Boedeker 1928 —> **Archaragma roseana** 1999,
 “Echinocactus setispinus (GT Engelmann 1845) —> **Thelocactus setispinus** 1987,
 “Neogomesia agavoides” (M Castaneda 1941) —> **Ariocarpus agavoides** 1962,
 “Opuntia anteojoensis” (DJ Pinkava 1976) —> **Cylindropuntia anteojoensis** 2000,
 “Opuntia clavarioides” (LKG Pfeiffer 1837) to **Maihueniopsis clavarioides** 1999,
 “Opuntia sphaerica” (CF Forster 1861) —> **Cumulopuntia sphaerica** 1999,
 “Opuntia subterranean” (RE Fries 1905) —> **Maihueniopsis subterranea** 1999,
 “Tephrocactus chichensis” (M Cardenas 1952) —> **Cumulopuntia chichensis** 1999;

transfer variety:

“Ariocarpus fissuratus var hintonii” (WH Stuppy & NP Taylor 1989) —> **Ariocarpus bravoanus** ssp **hintonii** [w WA Fitz Maurice] 1997;

disc subsp:

(Turbinicarpus schmiedickeanus ssp) **andersonii** (San Luis Potosi) (desc & nah by A Mosco 1999).

Anderson, Jay Ellis (1937–);

Book [1997] *Physiological Ecology of N Amer Desert Plants (Adaptations of Desert Organisms)* [w RK Monson & SD Smith] Berlin, Ger; Eng; 286p.

Anderson, L Susan; **Book** [1992] *Vascular Plants of a Desert Oasis: Flora & Ethnobotany of Quitobaquito, Organ Pipe Cactus Natl Monument, Arizona* [w PL Warren, RS Felger & GP Nabhan]; Eng; 39p.



Anderson, Miles Davis (11 Aug 1961–); US horticulturist & nurseryman; MS in plant protection at Univ of Arizona 1987; owner of *Miles' to Go* nursery near Tucson, Arizona 1991~; CSSA Friend award 2013; spouse Janice Anderson;

Book [1998] *The Ultimate Book of C&S* [w T Hewitt] NY; Eng; 256p w 643 color photos; (reprinted 1999 as *World Encyclopedia of C&S*; London, Eng; Eng; 256p),
 [2001] *A Gardener's Directory of C&S* London; Eng; 192p w 507 color photos,
 [2003] *The Complete Guide to Growing C&S* London; Eng; 254p w over 1,000 color photos.

Andreae, Dieter (24 Nov 1928–23 Jun 2020); Ger horticulturist & nurseryman; owner of nursery in Otzberg-Lengfeld, Ger; collected in Mada & eastern Africa w WHH Rauh; father W Andreae; spouse Gerdi Andreae;

species nah:

(Duvalia) **andreaeana** (Kenya) (desc & nah by WHH Rauh 1961) —> **Huernia andreaeana** by LC Leach 1974.



† **Andreae**, Wilhelm (30 Oct 1895–7 May 1970); {Andreae}; Ger horticulturist & brewery owner; nurseryman at Bensheim, Hesse, Ger; specialized in cacti; member of DKG; IOS member 1967; son D Andreae; spouse Gertrud [née Guntrum] Andreae (2 Jun 1901–25 May 2001);

Book [1956–75] *Die Kakteen* [w H Krainz & F Buxbaum] Stuttgart, Ger; Ger; (Vol 1-11, in 63 parts of 16p each),

[1965] *Kakteen*; Singen/Hohentweil, Ger; Ger; 13p;

species nah:

(Echinocactus) **andreae** (Cordoba) (desc & nah by F Boedeker 1930 & disc by CC Hosseus c1927) —> **Gymnocalycium andreae** by C Backeberg 1936,

(Neochilenia) **andreaeana** (Chile) (desc & nah by C Backeberg 1949),

(Mammillaria) **andreae** (Chile) (desc & nah by JA Purpus & F Boedeker 1928 —> **Coryphantha andreae** by A Berger 1929;

desc species:

(Pygmaecereus) **bylesianus** [w C Backeberg] (Peru) 1957 (na RS Byles).

†**Andrews**, Henry Charles (1770–1830); {Andrews}; British botanist, bot artist, illustrator, engraver & publisher; spouse Anne [née Kennedy] Andrews;

Book [1797–1814] *The Botanist's Repository for new & rare plants* London, Eng; Eng/Latin; 664 plates; (in 16 Vols); color plates of Pelargoniums & other succ by him;

desc species:

(Geranium) **bubonifolium** (Namibia, Northern Cape) 1803 → **Pelargonium bubonifolium** by CH Persoon 1806,

(Geranium) **fissifolium** (Northern Cape, Western Cape) 1804 → **Pelargonium fissifolium** by CH Persoon 1806,

(Geranium) **grenvilleae** (Northern Cape) 1811 (na WW & A Grenville) → **Pelargonium grenvilleae** by WH Harvey 1860,

(Geranium) **incrassatum** (Northern Cape, Western Cape) 1802 → **Pelargonium incrassatum** by J Sims 1804, (Geranium) **luridum** (Angola, Mozambique, Swaziland, Zimbabwe, RSA, Tanzania, Malawi, Zaire, Zambia) 1805 → **Pelargonium luridum** by R Sweet 1824, (Geranium) **punctatum** (Northern Cape, Western Cape) 1799 → **Pelargonium punctatum** by KL von Willdenow 1800,

(Geranium) **tenellum** (Western Cape) 1820 → **Pelargonium tenellum** by G Don 1831,

(Geranium) **undulatum** (Western Cape) 1803 → **Pelargonium undulatum** by CH Persoon 1806,

(Plectranthus) **barbatus** (Saudi Arabia, Ethiopia to Tanzania, India) 1809,

(Vereia) **crenata** (Arabia, tropical Africa from Central African Rep to RSA) 1798 → **Kalanchoe crenata** by AH Haworth 1812.

Andriantsjavo, Fleurette (fl. 2000); head of Direction de la Planification des Euax et Forêts, Mada;

species nah:

(Aloe) **fleuretteana** (Mada) (desc & nah by WHH Rauh & R Gerold 2000).

†**Anisits**, (Prof) Johann [János, John] Dániel (9 May 1856–1911); Hungarian chemist-pharmacist, naturalist & bacteriologist; to Asuncion, Paraguay 1883; prof at Univ of Nacinal, Paraguay 1883–1907; bacteriologist in Berlin 1909~; collected in Neotropics (mainly Paraguay) ≈1908; sent plants to KM Schumann;

disc species:

(Cereus) **lamprospermus** (Paraguay) 1898 (desc by KM Schumann 1899),

(Cereus) **stenogonus** (Paraguay, Argentina, Uruguay) 1898 (desc by KM Schumann 1899),

(Echinocactus) **anisitsii** (Paraguay) c1899 (desc & nah by KM Schumann 1900) → **Gymnocalycium anisitsii** by NL Britton & JN Rose 1922;

(Echinocactus) **damsii** (Paraguay) (desc by KM Schumann 1903 & na E Dams) → **Gymnocalycium anisitsii** ssp **damsii** by GJ Charles 2005,

(Opuntia) **stenarthra** (Paraguay) 1898 (desc by KM Schumann 1899).



†**Anon Suarez de Cullen**, [Añón,] (Dr) Delia C [Toto] (1917–26 May 2016); {Añón}; Argentine botanist specializing in Portulacaceae; PhD & prof of systematics of vascular plants of Natural Sciences & Museum at Natl Univ of La Plata, Argentina;

desc species:

(Anacampseros) **vulcanensis** (Argentina) 1984 → **Grahamia vulcanensis** by GD Rowley 1994,

(Calandrinia) **cabrerae** (Argentina, Chile) 1980 (na AL Cabrera) → **Cistanthe cabrerae** by IE Peralta 1993,

(Calandrinia) **minuscule** (Chile, Argentina) 1953 → **Cistanthe minuscule** by S Peralta 1994.

Ansari, MY (1929–); {Ansari}; Indian botanist; spouse N Ansari;

Book [1984] *Asclepiadaceae: Genus Ceropegia*; 32p + 4 plates;

desc species:

(Ceropegia) **jainii** [w BG Kulkarni] (India) 1982 (na SK Jain),

(Ceropegia) **mahabalei** [w K Hemadri] (India) 1971 (na TS Mahabale),

(Ceropegia) **noorjahaniae** (India) 1972 (na Noorjahan Ansari),

(Ceropegia) **santapaui** [w BM Wadhwa] (central India) 1968; □ transfer variety:

“Ceropegia evansii var media” (HFJ Huber 1957) —> **Ceropegia media** 1971.

Ansari, Noorjahan; spouse MY Ansari;

species nah:

(Ceropegia) **noorjahaniae** (India) (desc & nah by MY Ansari 1972).



Antesberger, Barbara; Austrian; father H Antesberger;

Book [2003] *Le Genre Melocactus Link & Otto dans la Région Caraïbe (Succulentes Spécial* [w G Delanoy & A Vilardebo] Monaco Cedex, Monaco; French; 38p; (Melocactus in the Caribbean area).



†**Antesberger**, (Dr) Helmut (7 Apr 1938–12 Dec 1997); {Antesb.}; Austrian; explored in Caribbean area w daughter Barbara to study genus Melocactus 1987 & 1989; IOS member 1982; daughter B Antesberger;

Book [1992] *Kakteen (Ein fröhliches Wörterbuch für alle Kakteenliebhaber)* [w P Butschkow] München, Ger; Ger; 96p.

†**Anthony**, Alfred Webster (25 Dec 1865–14 May 1939); US ornithologist; worked at Amer Museum of Natural History; collected at west coast of US & Baja Calif; interested in birds & mammals; spouse Anabel [née Klink] Anthony (30 Oct 1867–); son HE Anthony;

disc species:

(Dudleya) **anthonyi** (Baja Calif & island Santa Marta) 1896 (desc & nah by JN Rose 1903).

†**Anthony**, (Prof) (Dr) Harold Elmer (5 Apr 1890–29 Mar 1970); US zoologist; prof at Amer Museum of Natural History, NYC; specialized in mammals of S Amer & West Indies; had large collection of cacti in Englewood, New Jersey; first spouse Edith Irwin [née Demerell] Anthony; second spouse Margaret [née Feldt] Anthony; father AW Anthony;

species nah:

(Cryptocereus) **anthonyanus** (Chiapas) (desc & nah by EJ Alexander 1950 & disc by TB MacDougall 1946) —> **Selenicereus anthonyanus** by DR Hunt 1989.

Anthony, (Prof) (Dr) Margery Stuart (1924–); {M.S.Anthony}; US plant ecologist & geographer; PhD 1949; prof at Chico State College, Calif; specialist on cacti;

Book [1949] *An Ecological & Systematic Analysis of the Genus Opuntia MILLER in the Big Bend Region of Texas*; Eng; 361p; (PhD thesis),

[1956] *The Opuntiae of the Big Bend Region of Texas*; Eng; 32p;

disc species:

(Opuntia) **aggeria** (Coahuila, Texas) 1948 (desc by BE Ralston & RA Hilsenbeck 1990)

—> **Corynopuntia aggeria** by MP Griffith 2002.

†**Antoine**, Franz (23 Feb 1815–11 Mar 1886); {Antoine}; Austrian horticulturist; dir of Schönbrunn Gardens near Vienna, Austria;

species nah:

(Myrmecodia) **antoinii** (Australia) (desc & nah by O Beccari 1884) —> **Myrmecodia platytyrea** ssp **antoinii** by CR Huxley & MHP Jebb 1993.

Anton, (Dr) R; PhD at Strasbourg Univ, France 1974;

Book [1974] *Étude Chimiotaxonomique sur le Genre Euphorbia (Euphorbiacées)* Strasbourg, France; French; 185p; (PhD thesis).

AP de Candolle, — See **Candolle**, August Pyramus de.

Apezteguia, [Apezteguía, Apezteguía Caro,] Raimundo R;

Book [1985] *Cactus y Otras Suculentas en Cuba* [w L Rodriguez] La Habana, Cuba; Spanish; 213p w 170 color photos.

Appelius, & **Eichel**, Ger nurserymen;

Book [1837] *Pflanzen-Verzeichniss für 1837* Erfurt, Ger; Ger; (reprint 1991 by GD Rowley).

Appenzeller, Othmar Robert Willi (5 Feb 1949–); {Appenz. }; Ger horticulturist & school teacher; taught high school level biology & chemistry at Univ of Stuttgart & Saarbrücken; specialist in Mamm 1975~; pub short papers in *Othmars Cactaceae Reprints* series;

Book [1992] *Alfred B Lau, Feldnummernliste, Teil I: Mex, 1972–92* Osnabrück, Ger; Ger; 144p,

[1992] *Das Ganz andere Kakteenbuch* Hamburg/Saar, Ger; Ger; 60p w 53 cartoons,

[1994] *Feldnummernliste von Alfred B Lau, Teil II: Südamerika, 1968–72* Frankenthal, Ger; Ger; 106p,

[1995] *Inhaltsverzeichnis der 'Mammillaria Postscripts 1–4' 1989–92 von Dr David Hunt*

Hamburg/Saar; Ger; 32p,

[1996] *Feldnummern-Liste Steven Brack der Gattungen Coryphantha, Escobaris, Mamm und Neolloydia* Frankenthal, Ger; Ger; 60p.



† **Appleton**, [née Ten Eyck,] Carolyn (23 Jan 1902–22 Nov 1948); US artist & portrait painter; graduate of New York School of Fine & Applied Arts 1925; spouse Norman Appleton (1899–1974), artist, scientist & photographer;

Book [1946] *Cocky Cactus* Chicago, Illinois; Eng; 21p.

Arakaki Makishi, Monica (29 Apr 1970–); Peruvian botanist; BSc in biological sciences at Universidad Nacional Mayor de San Marcos, Lima, Peru 1986–95; worked at Museum of Natural History, Lima 1995–99; MA at Univ of Texas 2002;

Book [2002] *Systematics of the Genus Weberbeae* Austin, Texas; Eng; 45p; (MS thesis).



Arancio Jofré, Gina (1946–); Chilean botanist; curator of herbarium at La Serena, Chile;

species nah:

(Cistanthe) **arancioana** (Chile) (desc & nah by IE Peralta 1995).

† **Arbuthnot**, Isobel Agnes (1870–1963); Irish to RSA 1888; herbarium assistant at Bolus Herbarium 1918–39 & at Compton Herbarium 1939–45; explored & collected in RSA;

species nah:

(Mesemb) **arbuthnotiae** (Western Cape) (desc & nah by HML Bolus 1925 & disc by IA Arbuthnot) —> **Lampranthus arbuthnotiae** by HML Bolus 1939.

Archbold, (Mrs) ?;

species nah:

(Hoya) **archboldiana** (Indonesia, Papua New Guinea) (desc & nah by C Norman 1937).

Archer, [née Reid,] Clare (20 Aug 1955–); RSA botanist; MSc on ‘Systematics of the southern African species of *Carex* L. (Cyperaceae)’ at Univ of Witwatersrand, RSA 1991; collected in RSA & Botswana for the National Herbarium; interested in family Cyperaceae; spouse RH Archer;

Book [1984] *A Review of the Southern African Species of Cyrtanthus* [w RA Dyer] Dover, Delaware; Eng; 68p.

Archer, [née Kowie] Jacoba MN; RSA;

desc species:

(Lithops) **archerae** (Namibia) 1966 (desc & nah by HW de Boer 1967) —> **Lithops pseudotruncatella** ssp **archerae** by DT Cole 1988.

(Leachiella) **tirasmontana** (Namibia) (desc by DCH Plowes 1993)—> **Larryleachia tirasmontana** by DCH Plowes 1996.

†**Archer**, Joseph (15 Sep 1871–31 Jan 1954); Eng to RSA c1890; railway station master at Matjiesfontein, RSA ; curator of Karoo Garden at Whitehill, RSA 1921–39;

species nah:

(Conophytum) **archeri** (desc & nah by MG Lavis 1933),

(Crassula) **archeri** (desc & nah by RH Compton 1931),

(Drosanthemum) **archeri** (Cape) (desc & nah by HML Bolus 1930),

(Echidnopsis) **archeri** (Somalia, Kenya) (desc & nah by PRO Bally 1957),

(Haworthia) **archeri** (Western Cape) (desc by MB Bayer 1981 & disc by PV Bruyns 1977)

—> **Haworthia marumiana** var **archeri** by MB Bayer 1999,

(Pagella) **archeri** (desc & nah by S Schoeland 1921),

(Ruschia) **archeri** (Western Cape) (desc & nah by HML Bolus 1928);

disc species:

(Pleiospilos) **archeri** (Little Karoo) 1930 (desc & nah by HML Bolus 1931) —> **Tanquana archeri** by HEK Hartmann & SL Liede 1986.

Archer, Pat; US artist & illustrator of children books;

Book [2003] *Discover Nature Around the House: Things to Know & Things to do* [w EP Lawlor]; Eng; 240p; (includes succ).

Archer, Philip [Phillip] Gerald (1922–); British accountant to Kenya 1950–74; succ enthusiast;

Book [1992] *Kenya Ceropogia Scrapbook* Tasmania, Australia; Eng; 184p w 92 color plates;

species nah:

(Aloe) **archeri** (Kenya) (desc & nah by JJ Lavranos 1977),

(Huernia) **archeri** (Kenya) (desc & nah by LC Leach 1988);

disc species:

(Aloe) **fibrosa** (Kenya, Tanzania) c1960 (desc by JJ Lavranos & LE Newton 1976),

(Aloe) **tugenensis** (Kenya) (desc by LE Newton & JJ Lavranos 1990) —> **Aloe archeri** ssp **tugenensis** by E Wabuye 2006.

Archer, (Dr) Robert Hermanus (18 Feb 1965–); {R.H.Archer}; RSA botanist; PhD on Celastraceae at Univ of Pretoria 1995; worked at Natl Herbarium, RSA 1991~; spouse C Archer;

desc species:

(Euphorbia) **leistneri** (Namibia) 1998 (na OA Leistner),

(Euphorbia) **venteri** [w S Carter] (Botswana) 2001 (na F Venter).



†**Archibald**, [later (Mrs) Gledhill,] (Dr) Eily Edith Agnes (7 Sep 1914–30 May 2007); {Archibald}; RSA botanist, illustrator & historian; PhD at London Univ, Eng; worked in division of chemistry of dept of agriculture 1941, botany lecturer & research associate at Rhodes Univ, RSA 1966~; collected in Eastern Cape; spouse Jack A Archibald;

Book [1967] *The Genus Dioscorea in the Cape Prov West of East London* Cape Town, RSA

(photographic reprint; Eng; 46p);

[1969] *Eastern Cape Veld Flowers* Cape Town, RSA; 269p w 4 color plates;

desc species:

(Haworthia) **lockwoodii** (Western Cape) 1940 (na S Lockwood-Hill).

Arcy, Agnès d';

Book [1970] *Étude d'un Rythme Biochimique : les Leucoanthocyanes de Sedum album L. (Crassulacées)* Lyon; 125p.

Areces-Mallea, (Dr) L Alberto E (22 Dec 1947–); {A.E.Areces-Mallea}; Cuban botanist; to Austria to US; PhD in taxonomy & molecular biology at City Univ of New York; worked at Jardin Botanico Nacional, Universidad de la Habana, Cuba & at Institute of Systematic Botany, NY Bot Garden 1991~; collected in Caribbean Region 1975-95;

desc species:

(Leptocereus) **carinatus** (Cuba) 1993,

(Leptocereus) **scopulophilus** (Cuba) 1993,

(Melocactus) **praerupticola** (Dominican Rep) 2000 (disc by him 1991),

(Pereskia) **marcanoi** (Dominican Rep) 1992 (disc by EJ Marcano & nah);

desc subsp:

(Melocactus intortus ssp) **domingensis** (Dominican Rep) 1997 (disc by him 1991).



†**Arechavaleta**, [Arechavaleta y Balpardo,] **José** (27 Sep 1838–16 Jun 1912); {Arechav.}; Spain to Uruguay 1852; pharmacist, zoologist & botanist; pharmacist at Montevideo, Uruguay 1852–73; prof of botany at Univ of Montevideo 1874–1905; dir of Natural History Museum, Montevideo 1892~; wrote & pub flora of Uruguay;

Book [1905] *Apuntes botánicos Esclarecimientos sobre algunas cactáceas; [and] Breves apuntes sobre algunas gramíneas de propiedades tóxicas para los herbívoros* Montevideo, Uruguay; Spanish; 45p, [1905] *Cactacea Del Uruguay (or Flora Uruguay - Cactaceae)* Montevideo; Spanish; 131p;

species nah:

(Opuntia) **arechavaletae** (Uruguay) (desc & nah by CL Spegazzini 1905);

desc species:

(Echinocactus) **uruguayensis** (Uruguay) 1905 —> **Gymnocalycium uruguayense** by NL Britton & JN Rose 1922,

(Opuntia) **megapotamica** (Uruguay) 1905 (disc by him 1905);

desc variety:

(Echinocactus sellowii var) **turbinatus** (Argentina, Uruguay) 1905 —> **Parodia turbinata** by A Hofacker 1998.

Arekal, Govindappa D (fl. 1972); {Arekal}; India; collected in India;

desc species:

(Brachystelma) **kolarensis** [w TM Ramakrishna] (India) 1981.

Arendt, Paul; founder & publisher of monthly journal of original German Cactus Soc 1891~ w

KM Schumann as editor 1892–1904; longest running journal to date;
Book [1891–92] *Monatschrift für Kakteenkunde* Berlin, Ger; Ger; 170p w 13 plates.

Arias Montes, (Dr) Angel Salvadore; {S.Arias}; Mex; IOS member 1992; PhD at College of Postgraduates, Mex 2002;

Book [1994] *Threatened Cacti of Mex* [w EF Anderson, A Cattabriga & NP Taylor] Kew, Eng; Eng; 135p,

[1997] *Flora del Valle de Tehuacán-Cuicatlán* [w S Gama Lopez & LU Gzman Cruz] Mex City; Spanish; 146p,

[2003] *Catalogo de Cactaceas Mexicanas* [w UL Guzman Cruz & P Davila] UNAM, Mexico; Spanish; 315p;

desc species:

(Coryphantha) **calipensis** [w LU Guzmán Cruz & S Gama López] (Puebla) 1992 (disc by H Bravo-Hollis 1960) —> **Coryphantha pallida** ssp **calipensis** by RF Dicht & AD Luthy 2000,
(Opuntia) **parvielada** [w S Gama Lopez] (Oaxaca) 1997 (disc by S Gama Lopez *et al* 1990),
(Opuntia) **tehuacana** [w LU Guzman Cruz] (Oaxaca, Puebla) 1997 (disc by LU Guzman Cruz *et al* 1993),

(Pachycereus) **tepamo** [w S Gama Lopez] (Michoacan) 1998 (disc by LU Guzman Cruz *et al* 1992,
(Selenicereus) **validus** [w LU Guzman Cruz] (Michoacán) 1995 (disc by H Sanchez-Mejorada 1987),
(Turbinicarpus) **alonsoi** [w CE Glass] (Guanajuato) 1996 (disc by Alonso Garcia Luna 1994 & nah);

desc subsp:

(Strombocactus disciformis ssp) **esperanzae** [w CE Glass] (Guanajuato) 1996 (disc by them 1995 & na Esperanza B de Valazquez).



†**Arloing**, Saturnin (3 Jan 1846–21 Mar 1911); French veterinarian & anatomist; prof of anatomy & physiology at Veterinary School of Toulouse, France 1869–76 & of Lyon, France 1876~;
Book [1877] *Recherches Anatomiques sur le Boutrage des Cactées* Paris, France; French; 57p; (reprint 2003).



†**Armer**, [née Adams] Laura May (12 Jan 1874–16 Mar 1963); US horticultural journalist, photographer, author & artist; interested in Navajo & Hopi Indians of Arizona; spouse S Armer;
Book [1934] *Cactus* [w S Armer as illustrator] NYC; Eng; 102p.

†**Armer**, Sidney (1871–10 May 1962); US commercial watercolor illustrator of botanical subjects; artist at Dickman-Jones Lithograph Company; spouse L Armer;
Book [1934] *Cactus* [w LA Armer] NYC; Eng; 102p; (illustrator).

†**Armstrong**, Wm E (fl. 1886–1901); RSA; had succ garden in Port Elizabeth, RSA; collected in Eastern Cape;

disc species:

(Gasteria) **armstrongii** (Cape) (desc & nah by S Schonland 1912) —> **Gasteria nitida** var **armstrongii** by EJ van Jaarsveld 1992,

(Haworthia) **armstrongii** (Cape) (desc & nah K von Poellnitz 1937) —> **Haworthia glauca** f. **armstrongii** by MB Bayer 1976.



Arnold, John Lindsay (18 Mar 1947–); {J.Arnold}; British solicitor & horticulturist; interested in succulent plants 1957~; chair of BCSS 2004~; explored in Arizona, US 1995 & Peru & Bolivia later;
transfer species:

“Opuntia lagopus” (KM Schumann 1903) —> **Austrocyllindropuntia lagopus** [w I Crook & M Lowry] 2003.

Arnold, (Dr) Marion (1947–); British artist & art historian to RSA; PhD at Univ of S Africa 1988; lecturer in history of art dept, Univ of S Africa 1979–91 & in fine arts dept at Univ of Stellenbosch 1992–2000; to Eng 2000; specializes in S African art;

Book [2001] *South African Bot Art: Peeling back the petals* Cape Town, RSA; 216p w 130 color plates by over 200 artists w comments by John Rourke, Dee Snijman, John Manning, Peter Goldblatt & Marion Arnold (& as editor).

†**Arnold**, Oren (20 Jul 1900–1980); US journalist, novelist & humorist in Arizona; attended Rice Institute in Houston, Texas & Univ of Texas; free-lance writer from 1932; spouse Adele [née Roensch] Arnold;

Book [1940] *Desert Plants & Animals* [w M Cason, illustrator] Phoenix, Arizona; Eng; 94p,
[1968] *Arizona Under the Sun*; 220p.

Arnold, Trevor Henry (5 Aug 1947–); {T.H.Arnold}; RSA botanist; MSc on taxonomic study of *Ficinia* (Cyperaceae) at Natal Univ, Pietermaritzburg, RSA 1974; worked at Bot Research Institute, Pretoria, RSA 1973–76; liaison officer at Kew 1977–78;

Book [1993] *Plants of Southern Africa (names & distribution)* [w BC de Wet] Pretoria, RSA; 825p; (editors of),
[1997] *List of Southern African Succ Plants* [w EJ van Jaarsveld, GF Smith, FE Steffens, RD Dixon, JA Retief] Pretoria; Eng; 175p; (editors of).

†**Arnot**, David (26 Jun 1821–6 Jun 1894); RSA; educated at Uitenhage & South Africa College, Cape Town, RSA 1837–38; general agent at Colesberg, RSA; sent collected species of Aloe (11), Euphorbia (6), Stapelia (6), Crassula (3), Mesemb (5) & Cotyledon (4) to WJ Hooker at Kew 1858; FLS 1875;

species nah:

(Brachystelma) **arnotii** (North-West) (desc & nah by JG Baker 1869),

(Talinum) **arnotii** (Northern Cape, Free State, Limpopo, Namibia, Zimbabwe, Zambia) (desc & nah by JD Hooker 1876);

disc species:

(Ceropegia) **multiflora** (Northern Prov, North-West, Free State, Gauteng) (desc by JG Baker 1869),

(Stapelia) **arnoti** (Cape) c1875 (desc & nah by NE Brown 1890).

Arnott, George -- See **Walker-Arnott**, George.

Arnott, (Dr) Howard Joseph (9 Mar 1928–); {H.J.Arn.}; US biologist; PhD at Univ of Calif, Berkeley 1953; prof at various univ; specialize in plant anatomy & morphology; spouse Wanda Jean [née Cross] Arnott (4 Feb 1932–);

Book [1958] *Morphology & Anatomy of Yucca* Berkeley; Eng;
[1962] *The Seed, Germination & Seedling of Yucca* Berkeley, Eng; 163p.

Arp, (Dr) Gerald Kench (6 Dec 1947–); {Arp}; US geobotanist; PhD At Univ of Colorado 1972; worked at Univ of Colorado Museum, Boulder, Colorado;

Book [1972] *Studies in the Colorado Cacti*; Eng; 173p; (PhD thesis).
[1974] *Directory of Cactus Researchers* Houston, Texas; 5p.

†**Arrabida**, [Arrábida,] Francisco Antonio de (9 Sep 1771–10 Apr 1850); {Arrab.}; Brazilian bishop; co-editor of *Flora Fluminensis*;

species nah:

(Pilocereus) **arrabidae** (Rio de Janeiro, Espirito Santo, Bahia) (desc & nah by AC Lemaire 1862)
—> **Pilosocereus arrabidae** by RS Byles & GD Rowley 1957.

Arredondo Gomez, Alberto; Mex; pres of Potosinian C&SS of San Luis Potosi, Mex;
Book [2002] *Propagation & Maintenance of Cacti* San Luis Potosi; Eng; 28p,
[2004] *The Genus Turbinicarpus in San Luis Potosi* [w JM Sotomayor, FR Sanchez Barra &
MM Mendez] Italian Cactus Soc; Eng; 147p,
[2007] *Technical Guidelines for the Protection & Rescue of Cacti by Disturbance Events* San Luis
Potosi; Eng; 36p.

Arreola Nava, Hilda Julieta (1959–); Mex;
Book [2001] *El Género Opuntia en Jalisco – Guía de Campo* [w A Gonzalez & ME Riojas Lopez] Guadalajara,
Jalisco; Spanish; 135p w 33 color photos.

†**Arrojado Lisboa**, (Dr) Miguel (1872–9 Aug 1932); Brazilian railway superintendent of
Estrada de Ferro Central de Brazil; collected cacti in Brazil & sent new species to NL Britton & JN Rose;
genus nah:
Arrojadoa (desc & nah by NL Britton & JN Rose 1920).

Arroyo, Mary Kalin;
Book [1998] *Plantas Altoandinas en la Flora Silverstre de Chile* [w M Munoz, F Liberona, AE Hoffmann &
J Watson]; Spanish; 279p w colored plates of plants every other page.



Arzberger, Alexander [Alex] (18 Nov 1958–); Ger to Paraguay 1976; collected in Chile
& Paraguay;
disc species:
(Frailea) **alexandri** (Paraguay) 1985 (desc & nah by D Metzger 2006).



Asakawa, Sharon; US horticulturist & gardener; spouse Bruce Asakawa;
Book [2013] *Planting Designs for Cactus & Succulents* [w J Bagnasco, S Buchanan & R Foreman]
Minneapolis, Minnesota; Eng; 176p w many color photos.



†**Ascherson**, (Prof) (Dr) Paul Friedrich August (4 Jun 1834–6 Mar 1913);
{Asch., Aschers.}; Ger botanist & entomologist; PhD at Berlin Univ 1855; prof of botany at
Berlin Univ 1873~; explored in various expeditions in Africa 1876~;
transfer species:

“Cotyledon deficiens” (P Forsskal 1775) —> **Kalanchoe deficiens** [w GA Schweinfurth] 1889,
“Orygia portulacifolia” (P Forsskal 1775) —> **Talinum portulacifolium** 1896,
“Rogeria brasiliensis” (AP de Candolle 1845) —> **Pterodiscus brasiliensis** 1889.

Asensi Amoros, [Asensi Amorós,] Maria Victoria;
Book [1997] *Codex of Ancient Egyptian Plant Remains* [w C de Vartavan] London; French/Eng; 401p; (records
over 4,600 ancient Egyptian plant remains, including Adansonia digitata, Aizoaceae, Cissus quadrangularis,
Euphorbia, Liliaceae & Portulac).

Ashley, George; US horticulturist;
Book [1977] *The Punctured Thumb* [w drawings by M Baylis] San Francisco, Calif; Eng; 168p.

Ashton, H;

disc species:

(Delosperma) **ashtonii** (Basutoland) (desc & nah by HML Bolus 1932).

†**Ashton**, [later Nelson,] Ruth Elizabeth (29 Nov 1896–4 Jul 1987); {Ashton}; US bryologist, botanist plant collector; naturalist at Rocky Mtn Natl Park, Colorado 1925–31; MS at Colorado Agricultural College 1930; spouse Aven Nelson (1859–31 Mar 1952);

Book [1933] *Plants of Rocky Mt Natl Park* DC; Eng; 157p; (rev 1953 w 201p; 3rd edition 1970 w 168p).



Aslander, Etwin (18 Aug ?–); The Netherlands to RSA; nurseryman, owner of Selecta Succ nursery 1992~; explored in RSA;

disc species:

(Conophytum) **brunneum** (Namaq) 1999 (desc by SA Hammer 2001).

†**Aspillaga Valenzuela**, Manuel (25 Sp 1870–10 Nov 1930); Chilean hacienda Tanumé owner where species found;

species nah:

(Echinocactus) **aspillagae** (Chile) (desc & nah by J Sohrens 1929 & disc by J Sohrens) —> **Eriosyce aspillagae** by F Kattermann 1994.

Assadi, (Dr) Mostafa (1950–); {Assadi}; Iranian; PhD at Lund Univ, Sweden 1994; curator at Research Institute of Forests & Rangelands, Tehran, Iran;

desc species:

(Sedum) **elburzense** [w K Akhiani] (Iran) 2000.



†**Atherstone**, (Dr med) Wm Guybon (27 May 1814–26 Jun 1898); British physician, surgeon, geologist, paleontologist & naturalist; to RSA 1820; MD in Heidelberg, Ger 1839; practicing physician w father in Grahamstown, RSA 1839~; pioneered anesthesia in RSA; identified first diamonds found in RSA 1867; collected & sent specimens & seeds to WJ Hooker; spouse Catherine [née Handel] Atherstone;

species nah:

(Ipomoea) **atherstonei** (Namibia, Botswana, Zimbabwe, Natal, Mpumalanga) (desc & nah by JG Baker 1904).

Atkinson, (Dr) Robert E; US journalist & photographer; writer of gardening booklets;

Book [1961] *Succ in the Garden* Jersey City, New Jersey; Eng; 32p; photos by him,

[1970] *C&S in your Home* Jersey City; Eng; 32p; photos by him at Harry Johnson's Cactus Gardens.



Atwood, (Dr) Nephi Duane (12 Apr 1938–); {N.D.Atwood}; US botanist; PhD in botany, zoology & ecology at Brigham Young Univ, Provo, Utah 1972; assistant curator of herbarium at Brigham Young Univ 1995~;

desc species:

(Talinum) **thompsonii** [w SL Welsh] (Arizona) 1985 (na R Thompson).

†**Auber**, Pierre Alexandre (1784–13 Apr 1843); France to Cuba 1833; Cuban horticulturist & naturalist; prof of botany at Univ of Havana, Cuba & dir of bot garden;

species nah:

(Opuntia) **auberi** (Chiapas, Oaxaca) (desc & nah by LKG Pfeiffer 1840) —> **Nopalea auberi** by JMF Salm Dyck 1850.

Aubert, Ephrem;

Book [1890] *Sur la Répartition des Acides gras Organiques chez les Plantes Grasses* Paris, France,
[1892] *Recherches Physiologiques sur les Plantes Grasses* Paris; 90p.

†**Aubert de la Rue**, [Aubert de la Rüe,] Edgar (7 Oct 1901–24 Feb 1991); {A. de la Rue}; French geographer, geologist & naturalist; explored in Djibouti; spouse Andrée Aubert de la Rue;
disc species:

(Euphorbia) **amicorum** (Djibouti) 1939 (desc by S Carter 2001),

(Trichocaulon) **somaliense** (French Somaliland) 1938 (desc by A Guillaumin 1938).



†**Aublet**, [Fusée-Aublet,] Jean Baptiste Christophore [Christian] Fusée (4 Nov 1720–6 May 1778); {Aubl.}; French pharmacist & botanist; collected in French Guiana, Haiti, Mauritius & Dominican Rep in West Indies 1752~;

desc genus:

Maclea (tropical & subtropical Amer) 1775.

†**Aubreville**, [Aubréville,] André (30 Nov 1897–11 Aug 1982); {Aubrév.}; French tropical forester, plant ecologist, geographer & botanist; dir of Laboratoire de Phanérogamie at Muséum d'Histoire Naturelle, Paris, France 1955–68; first to use term 'desertification' for land degradation in Africa 1949; collected in French Equatorial Africa 1916, Ivory Coast 1925–35, Togo, Dahomey, French W Africa, Burkina, Faso, Chad, Mali & Niger 1918–40, w Africa & Mada 1942–55, Brazil, French Guiana & Venezuela 1957–61, US, Central Amer, Cambodia, Australia, Tahiti & New Caledonia 1965;

species nah:

(Kalanchoe) **aubrevillei** (Kenya, Tanzania) (desc & nah by G Cufodontis 1967).

Aucamp, (Miss) Juanita; RSA; collected species below on her father's farm near Postmasburg, RSA;
disc species:

(Lithops) **aucampiae** (Cape) 1929 (desc & nah by HML Bolus 1932).

†**Aucher-Eloy**, [Aucher, Aucher-Éloy,] Pierre Martin Rémi (2 Oct 1792–6 Oct 1838); {Aucher}; French pharmacist & botanist; explored in Asia Minor, Egypt, Sinai, Palestine, Syria, Cyprus, Greece, Iran, Arabia 1830~;

disc species:

(Boucerosia) **sinaica** (Saudi Arabia, Israel, Egypt, Sudan) c1835 (desc by J Decaisne 1844)

—> **Caralluma sinaica** by G Bentham & JD Hooker 1876,

(Euphorbia) **larica** (Oman, Iran) 1838 (desc by PE Boissier 1860).



Audissou, Jean-André; French nurseryman; owner of *Plantes Succulentes*, La Rochelle, France;

Book [2005] *Colour-Illustrated Experiences of two Expeditions for Succulents in Central, South and Southwestern Mada* [w H Mays]; Eng; 96p w 252 color photos; a French expedition by J-A Audissou and a S African Succ Plant Soc expedition by H Mays.

†**Audot**, N (fl. 1845); {Audot}; French horticulturist;

desc species

(Cereus) **militaris** (Michoacan, Guerrero, Colima, Jalisco) 1845 (?disc by J Vandick c1836?)

—> **Pachycereus militaris** by DR Hunt 1987.

†**Auge**, Johann [Johannes] Andreas (1711–1805); Ger; to Cape 1747; gardener, naturalist, botanist & botanical collector; trained by & worked for H Boerhaave at Bot Garden in Leiden, Netherlands c1730–46; worked for & superintendent of Dutch East India Company garden in Cape Town, RSA 1747; increased the

vegetable garden into a bot garden; explored & collected in Cape & Namibia w CP Thunberg & SF Masson 1772;

genus nah:

Augea (Northern Cape, Western Cape) (desc & nah by CP Thunberg 1794).

†**Auger**, Hugh Ambrose (22 Jan 1917–18 Feb 1991); British; founding member of Lambeth Cactus & Houseplant Soc; member of CSSGB & VP 1975–82; interested in epiphyllum hybrids;

Book [1971] *Cacti & Their Cultivation* [w MJ Martin & PR Chapman] London, Eng; Eng; 205p.



Augustin, Karl (1938–); {K.Augustin}; Austrian horticulturist; IOS member 1982; spouse Maria Augustin;

Book [2000] *Sulcorebutia* [w W Gertel & G Hentzschel] Stuttgart, Ger; Ger; 180p.

†**Autran**, Eugène John Benjamin (9 Aug 1855–2 Aug 1912); {Autran}; Swiss botanist; curator of Boissier herbarium near Geneva, Switzerland 1887–1901 & at Buenos Aires bot garden, Argentina 1901~; collected in Argentina, Paraguay, Costa Rica & US;

Book [1896] *Hortus Boissierianus - Enumération des Plantes Cultivées en 1885 à Valleyres (Vaud) et à la Pierrière (Chambésy près Genève)* = "Cacti in Collection of PE Boissier" [w TA Durand]; Geneva, Switzerland; 572p; (reprint 1997).

Avila, Alejandro de;

Book [2010] *Flora: The Aztec Herbal—The Paper Museum of Cassiano Dal Pozzo* [w L Guerrini & M Clayton] London, Eng; ?Eng?; 255p w 30 color photo text-figures, 6 photos & 41 facsimile color photos; features copy of original Codex Cruz-Badianus manuscript; (see M de la Cruz & EM Emmart on *The Bodianus Manuscript*).

Avina, Luis; La Barca, Jalisco, Mex; prof at Univ of Guadalajara;

disc subsp:

(Graptopetalum pentandrum ssp) **superbum** (Jalisco) c1982 (desc by MW Kimmach 1987).

Avon, François Eustache;

Book [1818] *Aperçu Général sur la noix Vomique et Quelques Préparations Avec l'Aloes* Montpellier; 31p.

Axman, Jan;

Book [1981] *Vysevy Kaktusu a Jinych Sukulentu* Chrudim, Czech Rep; Czech; 191p.



Ayensu, (Dr) **Edward** Solomon (28 Aug 1935–); {Ayensu}; Ghanaian to US; PhD in biological sciences at Univ of London, Eng; dir & senior scientist at Smithsonian Institute 20 yrs; specialize in plant anatomy;

Book [1978] *Endangered & Threatened Plants of the US* [w RA DeFilipps] DC; Eng; 301p.

†**Ayres**, Thomas (Jul 1828–31 Jul 1913); British agriculturist, ornithologist & naturalist; to Natal 1850; collector of birds & insects;

species nah:

(Sesuvium) **ayresii** (Mada) (desc & nah by WRB Marais 1978).



Aytac, [Aytaç,] (Dr) Zeki (25 Jan 1956–); {Aytaç}; Turkish botanist; prof at Ankara Univ, Turkey 1996–2002; PhD at Gazi Univ, Ankara, Turkey 1991; prof at Gazi Univ 2002~;

species nah:

(Sedum) **aytacianum** (Turkey) (desc & nah by J Metzger 1994 & disc by J Metzger 1992).

B

B&R, — See NL Britton & JN Rose.

Babin, Dmitri Mikaelovy; Russian horticulturist;

Book [2000] *Kaktusy I Grugie Sukkulenty* Minsk, Russia; Russian; 223p,

[2002] *Udivitelny Mir Kaktusov* = "Magic World of Cacti" Smolensk, Russia; Russian; 297p.

†**Bachmann**, (Prof) (Dr med) August (9 Dec 1652–20 Dec 1723); [also known as Augustus Quirinus Rivinus,]; Ger physician & botanist; MD at Univ of Helmsted 1676; lecturer & prof of medicine, physiology & botany at Univ of Leipzig 1677~ & curator of medical garden; pre-Linnaean bot systematist; made several innovations later used by JP de Tournefort & C Linnaeus; concentrated on the form of the corolla in naming species; FRS 1719;

Book [1690] *Introductio Generalis in Rem Herbarium*.

†**Bachmann**, Franz **Ewald** Theodor (31 Mar 1850–30 Apr 1937); {Bachm.}; Ger high school teacher & botanist; lichen specialist; collected in RSA;

disc species:

(Euphorbia) **tuberculatoides** (Western Cape) (desc by NE Brown 1915).

Bacigalupo, (Dr) Nélica María (1 Feb 1924–); {Bacigalupo}; Argentina botanist & prof; PhD in natural sciences at Natl Univ of La Plata 1953; botanist at Instituto de Botánica Darwinian, San Isidro, Argentina; specialist on Rubiaceae family;

desc genus:

Amhipetalum (Paraguay) 1988;

desc species:

(Amhipetalum) **paraguayense** (Paraguay) 1988,

(Anacampseros) **kurtzii** (Argentina) 1990 (na F Kurtz) —> **Grahamia kurtzii** by GD Rowley 1994,

(Talinum) **nocturnum** (Paraguay) 1993.



†**Backeberg**, Max Ferdinand Heinrich Curt (2 Aug 1894–14 Jan 1966); {Backeb.}; Ger owner of an exporting business in Central & S Amer 1925~, including cacti 1927~; horticulturist, lecturer, classifier, photographer & prolific writer on cacti; two early influences were E Irmscher & A Berger; spent 6 yrs studying Opuntias in Riviere de Caralt's famous garden,

Pinya de Rosa, in Spain; conservator of J Marnier-Lapostolle's celebrated garden *Les Cèdres* at

Cap Ferrat, France 1951–55; explored & collected in Venezuela, Colombia & Mex 1928, further s in S Amer 1929 (w W Haage & F Schwarz), back to West Indies & Mex by 1938; 7 expeditions from Mex into S Amer; spouse Emma [née Stein] Backeberg;

Book [1930] *Kakteenjagd zwischen Texas und Patagonien* = "Intro to a Cactus Hunt" Berlin, Ger; Ger; 128p; (Dutch edition [w GD Duursma] 1932

w 125p),

[1931] *Neue Kakteen (Jagen, Arten, Kultur)* = "New Cacti, Hunting Species & Culture" [w E Werdermann] Frankfurt/Berlin, Ger; Ger; 109p,

[1934] *Bildkatalog Blühende Kakteen-Neuheiten* Hamburg, Ger; Ger; 40p; (a catalog),

[1934–38] *Blätter für Kakteenforschung* = "Bulletin for cactus research" Hamburg, Ger;

Ger/Eng/Dutch/French; 436p; (in 5 Vols, each Vol w 12 monthly parts),

disc species:

(Mesemb) **pachyphyllum** (Western Cape) 1928 —> **Cerochlamys pachyphylla** by HML Bolus 1950,

(Mesemb) **pachypodium** (Western Cape) 1909 —> **Gibbaeum pachypodium** by HML Bolus 1928,
 (Mesemb) **pageanum** (Cape) 1927 (na MM Page) —> **Delosperma pageanum** by MHG Schwantes
 1927,
 (Mesemb) **pakhuisense** (Western Cape) 1932 —> **Lampranthus pakhuisensis** by HML Bolus 1939,
 (Mesemb) **palustre** (Western Cape) 1932 —> **Lampranthus palustris** by HML Bolus 1939,
 (Mesemb) **paripetalum** (Little Namaq) 1927 —> **Ruschia paripetala** by HML Bolus 1950,
 (Mesemb) **patersoniae** (Cape) 1916 (na FM Paterson) —> **Delosperma patersoniae** by HML Bolus
 1928,
 (Mesemb) **pauciflorum** (Western Cape) 1927 —> **Lampranthus pauciflorus** by NE Brown 1930,
 (Mesemb) **paucifolium** (Northern Cape) 1928 —> **Lampranthus paucifolius** by NE Brown 1930,
 (Mesemb) **peacockiae** (Western Cape) 1921 (na Mrs W Peacock) —> **Lampranthus peacockiae** by
 HML Bolus 1939,
 (Mesemb) **peersii** (Western Cape) 1922 (na VS Peers) —> **Lampranthus peersii** by NE Brown 1930,
 (Mesemb) **pentagonum** (Western Cape) 1925 —> **Erepsia pentagona** by HML Bolus 1927,
 (Mesemb) **persistens** (Northern Cape) 1931 —> **Phiambolia persistens** by C Klak 2003,
 (Mesemb) **pillansii** (na NS Pillans) —> **Erepsia pillansii** by SL Liede 1990,
 (Mesemb) **piquetbergense** (Western Cape) 1932 —> **Oscularia piquetbergensis** by HEK Hartmann
 1998,
 (Mesemb) **pittenii** (Western Cape) 1929 (erroneous spelling but na J van Putten),
 (Mesemb) **planum** (Little Namaq, nw Western Cape) 1925 —> **Hallianthus planus** by HEK Hartmann
 1983,
 (Mesemb) **plenum** (Western Cape) 1933 —> **Lampranthus plenus** by HML Bolus 1939,
 (Mesemb) **pocockiae** (Western Cape) 1927 (na MA Pocock) —> **Lampranthus pocockiae** by
 NE Brown 1930,
 (Mesemb) **politum** (Western Cape) 1924 —> **Erepsia polita** by HML Bolus 1927,
 (Mesemb) **pottsii** (Orange Free State) 1925 (na G Potts) —> **Delosperma pottsi** by HML Bolus 1928,
 (Mesemb) **praecipitatum** (Eastern Cape) 1932 —> **Lampranthus praecipitatus** by HML Bolus 1939,
 (Mesemb) **primivernum** (Western Cape) 1930 —> **Oscularia primiverna** by HEK Hartmann 1998,
 (Mesemb) **prominulum** (Western Cape) 1933 —> **Lampranthus prominulus** by HML Bolus 1939,
 (Mesemb) **promontorii** (Western Cape) 1925 —> **Lampranthus promontorii** by NE Brown 1930,
 (Mesemb) **punctulatum** (Northern Cape) 1928 —> **Ruschia punctulata** by HEK Hartmann 1998,
 (Mesemb) **purpureostylum** (Western Cape) 1920 —> **Cerochlamys purpureostyla** by HEK Hartmann
 1998,
 (Mesemb) **putterillii** (Orange Free State, Lesotho, Eastern Cape) 1925 (na VA Putterill) —> **Ruschia**
putterillii by HML Bolus 1950,
 (Mesemb) **rabiesbergense** (Western Cape) 1936 —> **Lampranthus raqbiesbergensis** by HML Bolus
 1939,
 (Mesemb) **recurvum** (Western Cape) 1932 —> **Lampranthus recurvus** by MHG Schwantes 1949,
 (Mesemb) **resurgens** (Northern Cape, Western Cape) 1909 (disc by NS Pillans) —> **Phyllobolus**
resurgens by MHG Schwantes 1928,
 (Mesemb) **retroversum** (Cape) 1909 —> **Diplosoma retroversum** by MHG Schwantes 1926;
Book [1935] *Culture Calendar & Hints on Grafting*; Eng/Ger/French; 16p
 [1935] *Kaktus—ABC* [w FM Knuth] Copenhagen, Denmark; Danish; 432p,
 [1936] *Sudamerika-Expedition 1935–36* Hamburg; Ger; 12p,
 [1937] *Kakteen Pflanzen, Samen 1927–1937 10 Jahre Kakteen-Forschung* Hamburg; Ger; 44p,
 [1938] *Cactaceae Lindley* Volksdorf, Ger; Ger; 28p,
 [1943] *Stachlige Wildnis* = “Spiny Wilderness” Radebeul, Ger; Ger; 422p,
 [1944] *Verbreitung & Vorkommen Der Cactaceae* Neudamm, Ger; Ger; 136p,
 [1948] *Amerikas Kakteen (Die Stochligen Wunder Gottes)* = “Cacti of Amer—God’s Spiny Wonders”
 Neudamm; Ger; 176p,

- [1949] *Blätter für Sukkulantenkunde* Hamburg-Volksdorf ; Ger; 8p,
 [1949] *Neue Kakteen Aus Brasilien (Cactaceas Novas do Brazil)* = “New Cacti from Brazil”
 Rio de Janeiro, Brazil; Ger/Portuguese; 25p,
 [1949] *Index of Names found in Succ Literature* Hamburg Volksdorf; Ger; 76p;(unpublished manuscript),
 [1957] *Descriptiones Cactacearum Novarum* Jena, Ger ; Ger; 36p,
 [1957] *Schöne Kakteen Für Den Liebhaber* = “Beautiful Cacti for the Lover”; Ger; 45p,
 [1958] *Beitrag zur Kenntnis der peruanischen Kakteenvegetation* [w WHH Rauh],
 [1958–62] *Die Cactaceae (Handbuch der Kakteenkunde)* = “The Cacti Handbook of the Cactus Science” Jena, Ger; Ger; (in 6 Vols);
 [1958] Vol 1, 638p w 35 plates;
 [1959] Vol 2, 722p w 72 plates;
 [1959] Vol 3, 566p w 53 plates;
 [1960] Vol 4, 703p w 51 plates;
 [1961] Vol 5, 914p w 44 plates;
 [1962] Vol 6, 375p,
 [1963] *Descriptiones Cactacearum Novarum (et Combinationes Novae) III* Jena, Ger; 16p,
 [1966] *Das Kakteenlexikon* Stuttgart, Ger; Ger; 741p; (1976 Eng translation by Lois Glass as *Cactus Lexicon* (expanded by W Haage) Dorset, Eng; Eng; 822p),
 [1968] *Wunderwelt Kakteen* = “Wonderful World of Cactus” Jena, Ger; Ger; 244p;

genus nah:

Backebergia (desc & nah by H Bravo-Hollis 1954) (syn of *Pachycereus* B&R);

desc genera:

- Acanthocalycium** (Argentina) 1936 (syn of *Echinopsis* ZUCCARINI),
Acantholobivia (Peru) 1942 (syn of *Echinopsis* ZUCCARINI),
Anisocereus (Guatemala, Yucatan) 1938 (syn of *Pachycereus* B&R),
Armatocereus (Colombia, Peru, Ecuador) 1938,
Austrocephalocereus (Brazil) 1938 (syn of *Micranthocereus* BACKEBERG),
Austrocylindropuntia (Bolivia, Argentina, Ecuador, Peru) 1938,
Brachycalycium (Bolivia, Paraguay, Uruguay, Brazil, Argentina) 1942 (syn of *Gymnocalycium* MITTLER),
Brasilicactus (Uruguay, Brazil) 1941 (syn of *Parodia* SPEGAZZINI),
Brasilicereus (Brazil) 1938,
Chichipia (Chiapas) 1950 (syn of *Polaskia* BACKEBERG),
Clistanthocereus (Peru) 1937 (syn of *Cleistocactus* LEMAIRE),
Coleocephalocereus (Brazil) 1938,
Delaetia (Chile) 1962 (na F de Laet) (syn of *Eriosyce* PHILIPPI),
Epiphyllopsis (Brazil) 1935 (syn of *Hatiora* B&R),
Eriocactus (Paraguay, Brazil) 1942 (syn of *Parodia* SPEGAZZINI),
Glandulicactus (west Texas to central Mex) 1938 (syn of *Sclerocactus* B&R),
Gymnanthocereus (Peru, Chile) 1937 (syn of *Browningia* B&R),
Gymnocactus (ne Mex to Zacatecas, Hidalgo) 1938 (syn of *Turbinicarpus* BUXBAUM & BACKEBERG),
Gymnocereus (Peru, Chile) 1959 (syn of *Browningia* B&R),
Haageocereus (Peru, Chile) 1934 (na W Haage),
Haseltonia (Puebla, Oaxaca) 1949 (na SE Haselton) (syn of *Cephalocereus* PFEIFFER),
Heliabravoa (Puebla, Oaxaca) 1956 (na H Bravo-Hollis) (syn of *Polaskia* BACKEBERG),
Helianthocereus (Argentina, Bolivia) 1949 (syn of *Echinopsis* ZUCCARINI),
Hertrichocereus (Guerrero) 1950 (na W Hertrich) (syn of *Stenocereus* RICCOBONO),
Horridocactus (Chile) 1938 (syn of *Eriosyce* PHILIPPI),

Islaya (Peru, Chile) 1934 (syn of *Eriosyce* PHILLIPI),
Isolatocereus (Hidalgo to Oaxaca) 1942 (syn of *Stenocereus* RICCOBONO),
Krainzia (Durango) 1938 (na H Krainz) (syn of *Mamm* HAWORTH),
Lepidocoryphantha (sw US into Mex) 1938 (syn of *Coryphantha* LEMAIRE),
Leucostele (Bolivia) 1953 (syn of *Echinopsis* ZUCCARINI),
Loxanthocereus (Peru) 1937 (syn of *Cleistocactus* LEMAIRE),
Marenopuntia (Sonora) 1950 (na Maren B Parsons) (syn of *Corynopuntia* KNUTH),
Marginatocereus (Hidalgo, Queretaro, Guanajuato, Oaxaca) 1942 (syn of *Pachycereus* B&R),
Marniera (Costa Rica, Chiapas) 1950 (na JLE Marnier-Lapostolle) (syn of *Selenicereus* B&R),
Marshallocereus (sw US, western Mex, Costa Rica) 1950 (na WT Marshall) (syn of *Stenocereus* RICCOBONO),
Mediolobivia (Bolivia, Argentina) 1934 (syn of *Rebutia* K.SCHUMANN),
Micranthocereus (Brazil) 1938,
Mitrocereus (Puebla, Oaxaca) 1942 (syn of *Pachycereus* B&R),
Morawetzia (Peru) 1936 (na V Morawetz) (syn of *Oreocereus* RICCOBONO),
Neobuxbaumia (Mex) 1938 (na F Buxbaum),
Neocardenasia (Bolivia) 1949 (na M Cardenas) (syn of *Neoraimondia* B&R),
Neochilenia (Chile) 1942 (syn of *Eriosyce* PHILIPPI),
Neodawsonia (Oaxaca) 1949 (na EY Dawson) (syn of *Cephalocereus* PFEIFFER),
Philippicereus (Chile) 1942 (na RA Philippi) (syn of *Eulychnia* PHILIPPI),
Pilocanthus [w BW Benson] (Arizona) 1957 (syn of *Pediocactus* B&R),
Polaskia (Mex) 1949 (na C Polaski),
Pseudoespostoa (Peru) 1934 (syn of *Espostoa* B&R),
Pseudolobivia (Argentina, Bolivia) 1941 (syn of *Echinopsis* ZUCCARINI),
Pseudonopalexochia (Oaxaca) 1958 (syn of *Disocactus* LINDLEY),
Pseudozygocactus (Brazil) 1938 (syn of *Hatiora* B&R),
Pygmaecereus [w JH Johnson, Sr] (Peru) 1957,
Rauhocereus (Peru) 1957 (na WHH Rauh),
Reicheocactus (Chile) 1942 (na KF Reiche) (syn of *Eriosyce* PHILIPPI),
Ritterocereus (Mex, West Indies, Curacao, S Amer n coast) 1942 (na F Ritter) (syn of *Stenocereus* RICCOBONO),
Rooksbya (Mex) 1959 (na E Rooksby) (syn of *Neobuxbaumia* BACKEBERG),
Roseocereus (Bolivia) 1938 (na JN Rose) (syn of *Harrisia* BRITTON),
Seticereus (Ecuador, Peru) 1942 (syn of *Cleistocactus* LEMAIRE),
Seticleistocactus (Bolivia) 1963 (syn of *Cleistocactus* LEMAIRE),
Soehrensia (Argentina, Chile) 1938 (na J Soehrens) (syn of *Echinopsis* ZUCCARINI),
Submatucana (Peru) 1959 (syn of *Matucana* B&R),
Subpilocereus (Colombia, Venezuela, Curacao, Margarita & Grenada Islands) 1938 (syn of *Cereus* MILLER),
Sulcorebutia (Bolivia) 1951 (syn of *Rebutia* K.SCHUMANN),
Thrixanthocereus (Peru) 1937 (syn of *Espostoa* B&R),
Turbinicarpus [w F Buxbaum] (Mex) 1937,
Vatricania (Bolivia) 1950 (syn of *Espostoa* B&R),
Weberbauerocereus (Peru) 1942 (disc by FJF Meyen c1833 & na A Weberbauer);
species nah:
 (Echeveria) **backebergii** (Peru) (desc & nah by JKL von Poellnitz 1935) —> **Echeveria chicensis** var **backebergii** by G Peno 2002,
 (Echinopsis) **backebergii** (Bolivia, Peru) (desc & nah by E Werdermann 1931),
 (Mamm) **backebergiana** (state of Mex) (desc & nah by F Buchenau 1966),

(Sedum) **backebergii** (Peru) (desc & nah by JKL von Poellnitz 1939);
desc species:
 (Armatocereus) **procerus** [w WHH Rauh] (Peru) 1957,
 (Armatocereus) **rauhii** (Peru) 1957 (na WHH Rauh),
 (Armatocereus) **riomajensis** [w WHH Rauh] (Peru) 1957,
 (Arthrocereus) **rondonianus** [w O Voll] (Minas Gerais) 1943 (na CM da Silva Rondon),
 (Borziacactus) **faustianus** (Peru) 1936 (na C Faust) —> **Cleistocactus acanthurus** ssp **faustianus** by
 C Ostolaza 1998,
 (Borziacactus) **jajoanus** (Peru) 1936 —> **Cleistocactus jajoanus** by GJ Charles 2005,
 (Brasilicereus) **markgrafii** [w O Voll] (Minas Gerais) 1950 (na F Markgraf),
 (Cereus) **cephalomacrostibas** [w E Werdermann] (Peru) 1931 —> **Weberbauerocereus**
cephalomacrostibas by F Ritter 1981,
 (Cereus) **fricii** (Venezuela) 1930,
 (Cereus) **horrispinus** (Venezuela, Colombia) 1930,
 (Cereus) **microspermus** [w E Werdermann] (Peru) 1931 —> **Browningia microsperma** by
 WT Marshall 1946,
 (Cereus) **platinospinus** [w E Werderman] (Peru) 1931) —> **Haageocereus platinospinus** by
 C Backeberg 1936,
 (Cereus) **pseudomelanostele** [w E Werdermann] (Peru) 1931) —> **Haageocereus pseudomelanostele**
 by C Backeberg 1934,
 (Cereus) **versicolor** [w E Werdermann] (Peru) 1931 —> **Haageocereus versicolor** by C Backeberg
 1935,
 (Cleistocactus) **buchtienii** (Bolivia) 1936 (na O Buchtien),
 (Cleistocactus) **morawetzianus** (Peru) 1936 (na V Morawetz),
 (Cleistocactus) **santacruzensis** (Bolivia, Paraguay) 1966 (disc by F Ritter 1954) —> **Cleistocactus**
baumannii ssp **santacruzensis** by R Mottram 1989,
 (Cleistocactus) **tenuiserpens** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1956),
 (Clistanthocereus) **hertlingianus** (Peru) 1937 (na ? Hertling) —> **Browningia hertlingiana** by
 F Buxbaum 1965,
 (Copiapoa) **haseltoniana** (Antofagasta) 1957 (na SE Haselton) —> **Copiapoa cinerea** ssp **haseltoniana**
 by NP Taylor 1997,
 (Coryphantha) **maiz-tablasensis** (San Luis Potosi) 1949,
 (Coryphantha) **pseudonickelsiae** (Durango) 1949,
 (Echinocactus) **fidanus** (Bolivia) 1933 (na HF Fida) —> **Rebutia fidana** by DR Hunt 1987,
 (Echinocactus) **subterraneus** (Nuevo Leon) 1932 —> **Turbincarpus subterraneus** by
 AD Zimmerman 1991,
 (Echinocereus) **floresii** (Sinaloa) 1949 (na R Flores) —> **Echinocereus sciurus** ssp **floresii** by
 NP Taylor 1997,
 (Echinopsis) **korethroides** (Jujuy, Salta) 1931 —> **Echinopsis formosa** ssp **korethroides** by M Lowry
 2002,
 (Erdisia) **erecta** (Peru) 1942 (disc by him 1931) —> **Corryocactus erectus** by F Ritter 1981,
 (Erdisia) **quadrangularis** [w WHH Rauh] (Peru) 1957 —> **Corryocactus quadrangularis** by F Ritter
 1958,
 (Erdisia) **sextoniana** (Peru) 1936 —> **Cleistocactus sextonianus** by DR Hunt 2002,
 (Frailea) **castanea** (Argentina, Brazil, Uruguay) 1936,
 (Gymnocalycium) **castellanosii** (La Rioja) 1936 (disc by him 1933 & na A Castellanos),
 (Gymnocalycium) **nigriareolatum** (Catamarca) 1934 (disc by E Stumer),
 (Gymnocalycium) **ochoterena** (Cordoba, San Luis) 1936 (na I Ochoterena),
 (Gymnocalycium) **oenanthemum** (Catamarca) 1934,
 (Gymnocereus) **amstutziae** [w WHH Rauh] (Peru) 1957 (disc by E Amstutz 1956 & nah)

—> **Browningia amstutziae** by H Krainz 1965,
 (Haageocereus) **acanthocladus** [w WHH Rauh] (Peru) 1957 (disc by F Ritter 1956) —> **Haageocereus pseudomelanostele** var **acanthocladus** by C Ostolaza 2003,
 (Haageocereus) **aureispinus** [w WHH Rauh] (Peru) 1958 (disc by F Ritter 1956) —> **Haageocereus pseudomelanostele** var **aureispinus** by C Ostolaza 1998,
 (Haageocereus) **olowinskianus** (Peru) 1936 (na Mr Olowinski) —> **Haageocereus acranthus** ssp **olowinskianus** by C Ostolaza 1998,
 (Haageocereus) **pacalaensis** (Chile) 2005,
 (Haageocereus) **pseudoversicolor** [w WHH Rauh] (Peru) 1957.
 (Haageocereus) **turbidus** [w WHH Rauh] (Peru) 1957 —> **Haageocereus pseudomelanostele** var **turbidus** by C Ostolaza 1998,
 (Horridocactus) **heinrichianus** (Chile) 1942 (na W Heinrich) —> **Eriosyce heinrichiana** by F Kattermann 1994,
 (Lepismium) **cereoides** [w O Voll] (Brazil) 1936 (disc by O Voll & AC Brade 1936) —> **Rhipsalis cereoides** by C Backeberg 1937-38,
 (Lobivia) **breviflora** (Salta) 1936 —> **Echinopsis breviflora** by M Lowry 2003,
 (Lobivia) **hertrichiana** (Peru) 1933 (na W Hertrich) —> **Echinopsis hertrichiana** by DR Hunt 1991,
 (Lobivia) **jajoana** (Salta) 1934 —> **Echinopsis jajoana** by R Blossfeld 1938,
 (Lobivia) **schieliana** (Bolivia) 1957 (disc by F Ritter & na W Schiel) —> **Echinopsis schieliana** by DR Hunt 1987,
 (Lobivia) **stilowiana** (Argentina) 1949 —> **Echinopsis stilowiana** by JG Lambert 1993,
 (Lobivia) **tegeleriana** (Peru) 1936 (na W Tegeler) —> **Echinopsis tegeleriana** by DR Hunt 1987,
 (Lobivia) **wrightiana** (Peru) 1937 —> **Echinopsis backebergii** ssp **wrightiana** by M Lowry 2005,
 (Loxanthocereus) **hystrix** [w WHH Rauh] (Peru) 1957 —> **Cleistocactus hystrix** by C Ostolaza 1998,
 (Loxanthocereus) **pachycladus** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1956)
 —> **Cleistocactus pachycladus** by C Ostolaza 1998,
 (Loxanthocereus) **pullatus** [w WHH Rauh] (Peru) 1957 (disc by C Backeberg 1956) —> **Cleistocactus acanthurus** ssp **pullatus** by C Ostolaza 1998,
 (Loxanthocereus) **sulcifer** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1956) —> **Cleistocactus sulcifer** by BE Leuenberger 2002,
 (Mamm) **albilanata** (Guerrero, Chiapas Oaxaca, Colima) 1939,
 (Mamm) **aureilanata** (San Luis Potosi) 1938 (disc by A Nickels),
 (Mamm) **bella** (Guerrero) 1941 —> **Mamm nunezii** ssp **bella** by DR Hunt 1997,
 (Mamm) **guillauminiana** (Durango, Sinaloa) 1952 (disc by F Schwarz),
 (Mamm) **hystrix** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1956) —> **Mammillaria haynei** ssp **hystrix** by R Mottram 1997,
 (Mamm) **solisioides** (Oaxaca, Puebla) 1951 —> **Mamm pectinifera** ssp **solisioides** by DR Hunt 2005,
 (Matucana) **herzogiana** (Peru) 1956 (na TCJ Herzog) —> **Matucana haynei** ssp **herzogiana** by R Mottram 1997,
 (Mediocactus) **hahnianus** (Paraguay) 1957 (disc by H Blossfeld & na A Hahn) —> **Echinopsis hahniana** by RS Wallace 1997,
 (Melocactus) **bellavistensis** [w WHH Rauh] (Ecuador, Peru) 1957 (disc by WHH Rauh 1954),
 (Mila) **pugionifera** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1956) —> **Mila caespitosa** ssp **pugionifera** by DR Hunt 2005,
 (Monvillea) **jaenensis** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1956) —> **Praecereus euchlorus** ssp **jaenensis** by C Ostolaza 1998,
 (Morawetzia) **doelziana** (Peru) 1936 (na B Dolz) —> **Oreocereus doelzianus** by J Borg 1937,
 (Neocardenasia) **herzogiana** (Bolivia) 1949 (na TCJ Herzog) —> **Neoraimondia herzogiana** by F Buxbaum & H Krainz 1967,
 (Neochilenia) **andreaeana** (Chile) 1949 (na W Andreae),

(Neolloydia) **matehualensis** (San Luis Potosi) 1948,
 (Neolloydia) **pulleineana** (San Luis Potosi) 1948 (na RH Pulleine) —> **Coryphantha pulleineana** by
 CE Glass 1968,
 (Neowerdermannia) **chilensis** (Chile, Peru) 1936,
 (Notocactus) **mueller-melchersii** (Rio Grande do Sul) 1936 (na FC Muller-Melchers) —> **Parodia**
mueller-melchersii by NP Taylor 1987,
 (Opuntia) **erectoclada** (Argentina) 1936 —> **Tunilla erectoclada** by DR Hunt & J Iliff 2000,
 (Opuntia) **tilcarensis** (Jujuy) 1936 —> **Tunilla tilcarensis** by DR Hunt & J Iliff 2000,
 (Parodia) **alacriportana** [w O Voll] (Rio Grande do Sul, Santa Catarina) 1950 (disc by H Berger 1939),
 (Parodia) **aureicentra** (Argentina) 1936,
 (Parodia) **gummifera** [w O Voll] (Minas Gerais) 1950 (disc by HL de Mello-Barreto 1938)
 —> to **Uebelmannia gummifera** by AFH Buining 1967,
 (Parodia) **nivosa** (Salta) 1934,
 (Pelecyphora) **pseudopectinata** (Tamaulipas, Nuevo Leon) 1935 —> **Turbinicarpus**
pseudopectinatus by CE Glass & RA Foster 1977,
 (Pilosocereus) **bradei** [w O Voll] (Minas Gerais) 1942 (disc by AC Brade & nah) —> **Cipocereus**
bradei by DC Zappi & NP Taylor 1991),
 (Pygmaeocereus) **bylesianus** [w W Andreae] (Peru) 1957 (na RS Byles).
 (Rauhocereus) **riosaniensis** (Amazonas A) 1958 (disc by WHH Rauh 1954),
 (Rebutia) **aureiflora** (Salta) 1932 —> **Rebutia einsteinii** ssp **aureiflora** by ML Hjertson 2003,
 (Strombocactus) **pseudomacroechele** (Hidalgo, Queretaro) 1935 —> **Turbinicarpus**
pseudomacroechele by F Buxbaum & C Backeberg 1937,
 (Sulcorebutia) **breviflora** (Cochabamba) 1966 (disc by M Cardenas 1963) —> **Rebutia breviflora** by
 DR Hunt 2002,
 (Tephrocactus) **minutus** (Argentina) 1936 —> **Maihueniopsis minuta** by R Kiesling 1984,
 (Thelocactus) **schwarzii** (Tamaulipas) 1950 (na F Schwarz) —> **Thelocactus bicolor** ssp **schwarzii** by
 NP Taylor 1998,
 (Trichocereus) **bertramianus** (Bolivia) 1935 (na P Bertram) —> **Echinopsis tarijensis** ssp
bertramiana by M Lowry 2002,
 (Trichocereus) **vollianus** (Bolivia) 1936 —> **Echinopsis volliana** by H Friedrich & GD Rowley 1974
 (Trichocereus) **werdermannianus** (Bolivia) 1936 (na E Werdermann) —> **Echinopsis**
werdermanniana by CH Friedrich & GD Rowley 1974,
 (Turbinicarpus) **klinkerianus** [w HJH Jacobsen] (Mex) 1948 (na C Klinker) —> **Turbinicarpus**
schmiedickeanus ssp **klinkerianus** by NP Taylor 1998,
 (Weberbauerocereus) **rauhii** (Peru) 1957 (disc by WHH Rauh 1954 & nah),
 (Weingartia) **neocumingii** (Bolivia) 1950 (na H Cumming) —> **Rebutia neocumingii** by DR Hunt
 1987;
transfer species:
 "Aylosteria krugerae" (M Cardenas 1957) —> **Rebutia krugerae** 1959,
 "Cactus cylindricus" (C de Lamarck 1785) —> **Austrocylindropuntia cylindrica** 1942,
 "Cephalocereus brasiliensis" (NL Britton & JN Rose 1920) —> **Pilosocereus brasiliensis** 1960,
 "Cephalocereus machrisii" (EY Dawson 1975) —> **Pilosocereus machrisii** 1960,
 "Cephalocereus mezcalaensis" (H Bravo-Hollis 1932) —> **Neobuxbaumia mezcalaensis** 1941,
 "Cephalocereus quadricentralis" (EY Dawson 1948) —> **Pilosocereus quadricentralis** 1960,
 "Cereus acranthus" (FKJ Vaupel 1913) —> **Haageocereus acranthus** 1933,
 "Cereus arequipensis" (FJF Meyen 1835) —> **Neoraimondia arequipensis** 1937,
 "Cereus articulatus" (LKG Pfeiffer 1837) —> **Tephrocactus articulatus** 1953,
 "Cereus chichipe" (R Roland-Gosselin 1905) —> **Polaskia chichipe** 1951,
 "Cereus decumbens" (FKJ Vaupel 1913) —> **Haageocereus decumbens** 1934,
 "Cereus fluminensis" (FAW Miquel 1838) —> **Coleocephalocereus fluminensis** 1942,

“*Cereus nesioticus*” (BL Robinson 1902) —> **Brachycereus nesioticus** 1936,
 “*Cereus phaeacanthus*” (RLA Gurke 1908) —> **Brasilicereus phaeacanthus** 1942,
 “*Cereus platinospinus*” (E Werderman & C Backeberg 1931) —> **Haageocereus platinospinus** 1936,
 “*Cereus polylophus*” (AP de Candolle 1828) —> **Neobuxbaumia polylopha** 1938,
 “*Cereus pseudomelanostele*” (E Werdermann & C Backeberg 1931) —> **Haageocereus pseudomelanostele** 1934,
 “*Cereus tetetzo*” (JM Coulter 1896) —> **Neobuxbaumia tetetzo** 1938,
 “*Cereus thouarsii*” (FAC Weber 1899) —> **Jasminocereus thouarsii** 1959,
 “*Cereus tominensis*” (W Weingart 1931) —> **Cleistocactus tominensis** 1936,
 “*Cereus trollii*” (W Kupper 1929) —> **Oreocereus trollii** 1929,
 “*Cereus versicolor*” (E Werdermann & C Backeberg 1931) —> **Haageocereus versicolor** 1935,
 “*Cereus weberbaueri*” (FKJ Vaupel 1913) —> **Weberbauerocereus weberbaueri** 1957,
 “*Cereus weberi*” (JM Coulter 1896) —> **Pachycereus weberi** 1960,
 “*Coryphantha zilziana*” (F Boedeker 1930) —> **Escobaria zilziana** 1961,
 “*Echinocactus andreae*” (G Boedeker 1930) —> **Gymnocalycium andreae** 1936,
 “*Echinocactus borchersii*” (F Boedeker 1933) —> **Oroya borchersii** 1959,
 “*Echinocactus chrysacanthion*” (KM Schumann 1898) —> **Parodia chrysacanthion** 1935;
 “*Echinocactus fiedlerianus*” (KM Schumann 1903) —> **Copiapoa fiedleriana** 1936,
 “*Echinocactus pottsii*” (JFM Salm-Dyck 1850) —> **Ferocactus pottsii** 1961,
 “*Echinocactus rhodantherus*” (F Boedeker 1934) —> **Gymnocalycium rhodantherum** 1936,
 “*Echinocactus schmiedickeanus*” (F Boedeker 1928) —> **Turbinicarpus schmiedickeanus** [w F Buxbaum] 1937,
 “*Echinocactus schwebsianus*” (E Werdermann 1930) —> **Parodia schwebsiana** 1935,
 “*Echinocactus stuemeri*” (E Werdermann 1931) —> **Parodia stuemeri** 1936,
 “*Lemaireocereus treleasei*” (NL Britton & JN Rose 1909) —> **Stenocereus treleasei** 1951,
 “*Lepismium cereoides*” (C Backeberg & O Voll 1936) —> **Rhipsalis cereoides** 1937-38,
 “*Lobivia ferox*” (NL Britton & JN Rose 1922) —> **Echinopsis ferox** 1934,
 “*Mamm clavata*” (MJF Scheidweiler 1838) —> **Coryphantha clavata** 1942,
 “*Neomammillaria guerreronis*” (H Bravo-Hollis 1932) —> **Mamm guerreronis** [w FM Knuth] 1936,
 “*Neomammillaria hutchisonana*” (HE Gates 1934) —> **Mamm hutchisoniana** [w FM Knuth] 1936,
 “*Neomammillaria phitauiana*” (EM Baxter 1931) —> **Mamm phitauiana** 1931,
 “*Opuntia abyssi*” (JP Hester 1943) —> **Cylindropuntia abyssi** 1958,
 “*Opuntia alexanderi*” (NL Britton & JN Rose 1923) —> **Tephrocactus alexanderi** 1953,
 “*Opuntia australis*” (FAC Weber 1898) —> **Pterocactus australis** 1950,
 “*Opuntia molinensis*” (CL Spegazzini 1923) —> **Tephrocactus molinensis** 1953,
 “*Opuntia munzii*” (CB Wolf 1938) —> **Cylindropuntia munzii** 1966,
 “*Opuntia nigrispina*” (KM Schumann 1898) —> **Tephrocactus nigrispinus** 1936,
 “*Opuntia pachypus*” (KM Schumann 1904) —> **Austrocylindropuntia pachypus** 1942,
 “*Opuntia reflexispina*” (IL Wiggins & RC Rollins 1943) —> **Corynopuntia reflexispina** 1958,
 “*Opuntia rosea*” (AP de Candolle 1828) —> **Cylindropuntia rosea** 1958,
 “*Opuntia shaferi*” (NL Britton & JN Rose 1919) —> **Austrocylindropuntia shaferi** 1951,
 “*Opuntia verschaffeltii*” (FAC Weber 1898) —> **Austrocylindropuntia verschaffeltii** 1939,
 “*Opuntia vestita*” (JFM Salm-Dyck 1845) —> **Austrocylindropuntia vestita** 1939,
 “*Opuntia weberi*” (CL Spegazzini 1905) —> **Tephrocactus weberi** 1936,
 “*Pereskia subulata*” (F Muhlenpfordt 1845) —> **Austrocylindropuntia subulata** 1942,
 “*Pilocereus scoparius*” (H Poselger 1853) —> **Neobuxbaumia scoparia** 1941,
 “*Pilocereus strausii*” (E Heese 1907) —> **Cleistocactus strausii** 1934.
 “*Thelocactus lophophoroides*” (E Werdermann 1934) —> **Turbinicarpus lophophoroides** [w F Buxbaum] 1937;
 desc *variety*:

(*Cleistocactus morawetzianus* var) **pyncacanthus** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1954) —> **Cleistocactus pyncacanthus** by C Backeberg 1966,
 (Morawetzia doelziana var) **calva** [w WHH Rauh] (Peru) 1957 (disc by WHH Rauh 1954)
 —> **Oreocereus doelzianus** ssp **calvus** by R Mottram 2002,
 (Tephrocactus pentlandii var) **rossianus** [w W Heinrich] (Bolivia) 1953 (na G Ross)
 —> **Cumulopuntia rossiana** by F Ritter 1980,
 (Thelocactus bicolor var) **flavidispinus** (Texas) 1941 —> **Thelocactus bicolor** ssp **flavidispinus** by NP Taylor 1998;
transfer variety:
 “*Cleistocactus morawetzianus* var *pyncacanthus*” (WHH Rauh & C Backeberg 1957)
 —> **Cleistocactus pyncacanthus** 1966,
 “*Echinocactus electracanthus* var *haematacanthus*” (JFM Salm-Dyck 1850) —> **Ferocactus haematacanthus** [w FM Knuth] 1936,
 “*Ferocactus wislizeni* var *tiburonensis*” (GE Lindsay) 1955 —> **Ferocactus tiburonensis** 1961,
 “*Mamm herreriae* var *albiflora*” (E Werdermann 1931) —> **Mamm albiflora** 1937.

Backer, Ronald C;

Book [1970] *A Phytochemical Investigation of Yucca schottii* ENGELMANN, family *Liliaceae* Tucson, Arizona; Eng; 98p.



†**Backhouse**, James, Sr (8 Jul 1794–20 Jan 1869); {Backh.}; British naturalist, missionary, nurseryman & botanist; met WJ Hooker while at Norwich learning gardening 1813–15; owned the Backhouse Nursery in York, Eng w brother Thomas in 1816–31; missionary work & collected in Tasmania 1832–34, Australia 1835–37 & Mauritius & RSA 1838–40 & in Namibia & back to Eng 1840 writing of his experiences; nurseryman in Eng 1841~; spouse Deborah [née Lowe] Backhouse (–1827);

Book [1844] *A Narrative of a Visit to the Mauritius and S Africa* London, Eng; Eng;

disc species:

(*Aloe*) **falcata** (Northern Cape, Western Cape) 1839 (desc by JG Baker 1880).

Baedecker, [Bädecker,] Wilhelm Gustav;

Book [1903] *Physiologische Anatomic Einiger Liliaceenblätter* Kiel, Ger; 58p; (*Aloe* dissertation).

†**Baehni**, (Dr) Charles (21 Aug 1906–23 Jan 1964); {Baehni}; Swiss botanist; PhD at Genève Univ, Switzerland 1932; directeur des Conservatoire et Jardin Botaniques, Genève 1933–53;

transfer species:

“*Cotyledon virgata*” (FLE Diels 1906) —> **Villadia virgata** [w JF Macbride] 1937,

“*Sedum dyvrandae*” (Raymond-Hamet 1914) —> **Villadia dyvrandae** [w JF Macbride] 1937.

Baesecke, ?Paul?; Ger botanist; collected in Namibia;

species nah:

(*Anacampseros*) **baeseckeii** (Namibia, Northern Cape) (desc & nah by MK Dinter 1919);

disc species:

(Mesemb) **schwantesii** (Namibia) 1913 (desc by MK Dinter 1916) —> **Titanopsis schwantesii** by MHG Schwantes 1926.



Bagnasco, John; US horticulturist & gardener;

Book [2013] *Planting Designs for Cactus & Succulents* [w S Asakawa, S Buchanan & R Foreman]
Minneapolis, Minnesota; Eng;
176p w many color photos.



†**Bagshawe**, (Dr med) (Sir) **Arthur** Wm Gerrard (29 Jul 1871–24 Mar 1950); {Bagsh.}; British physician & tropical medicine specialist; degree at Caius College 1892 & MB, BCh at St. George's Hospital 1895; to Uganda Protectorate 1900 as medical officer; member of Lange Expedition 1901 & of Anglo-German Boundary Commission 1902–04; specialized in treatment of sleeping sickness & the tsetse fly; became interested in local flora & fauna, collecting specimens of rare plants, sent to British Natural History Museum; knighted 1933; spouse Alice Mary [née Thornber] Bagshawe (–1944); **species nah**:

(*Asclepias*) **bagshawei** (Sudan, Uganda, Zaire, Tanzania) (desc & nah by SLM Moore 1908)
—> **Stathmostelma welwitschii** var **bagshawei** by DJ Goyder 1998.



Bajnath, (Dr) Himansu [**Snowy**] (9 Jun 1943–); {Bajnath}; RSA botanist & taxonomist; PhD in botany w thesis on taxonomic revision of *Bulbine* at Reading Univ, Eng 1977; curator of Ward Herbarium at Univ of Durban, RSA 1977–97; interested in *Asphodelaceae* family;
Book [1977] *Bulbine* Reading, Eng; Eng; 444p; (PhD thesis);

disc species:

(*Gasteria*) **pendulifolia** (Natal) c1998 (desc by EJ van Jaarsveld 2001) —> **Gasteria croucheri** ssp **pendulifolia** by BJM Zonneveld 2005;

desc species:

(*Bulbine*) **alata** (Australia) 1978,
(*Bulbine*) **esterhuyseniae** (Western Cape) 1987 (na EE Esterhuysen),
(*Bulbine*) **francescae** [w G Williamson] (Namibia) 1995 (na Françoise M-L Williamson).
(*Bulbine*) **lavrani** [w G Williamson] (Northern Cape) 2000 (na JJ Lavranos),
(*Bulbine*) **pendens** [w G Williamson] (Northern Cape) 1995,
(*Bulbine*) **striata** [w EJ van Jaarsveld] (Northern Cape) 1987,
(*Bulbine*) **vitrea** [w G Williamson] (Northern Cape) 1995.



†**Bailey**, Ethel Zoe (17 Nov 1889–15 Jul 1983); {E.Z.Bailey}; US horticulturist & writer; curator of Liberty Hyde Bailey Hortorium 1935–57; explored & collected plants w father LH Bailey ≈1938;

Book [1952] *Hortus Second* [w LH Bailey] Eng; 778p,
[1976] *Hortus Third* [w LH Bailey] NYC; Eng; 1,290.



†**Bailey**, Frederick Manson (8 Mar 1827–25 Jun 1915); {F.M.Bailey}; British to Australia 1839; colonial botanist of Queensland 1899~; grandson CT White; spouse Anna Maria [née Waite] Bailey;

desc species:

(*Hoya*) **macgillivrayi** (Australia) 1914 (disc by WDK Macgillivray & nah).



†**Bailey**, (Prof) (Dr hc) Liberty Hyde, Jr (15 Mar 1858–25 Dec 1954); {L.H.Bailey}; US horticulturist, taxonomist & botanist; BS in horticulture at Michigan Agricultural College 1882; assistant to curator A Gray at Harvard Herbarium 1882–84; prof of horticulture & landscape gardening at Michigan Agricultural College 1884–88, earning a MS in botany in 1885; prof of botany & horticulture at Cornell Univ, Ithaca, NY, 1888–13 & dir of College of Agriculture 1903–13; founder & first pres of Amer Soc for Horticultural Science 1903; honorary LLD at Univ of Wisconsin 1907; founder & pres of Bot Soc of Amer 1926; pres of Amer Soc of Plant Taxonomists 1939; dir of Liberty Hyde Bailey Hortorium (nah) at Cornell Univ 1935–51 where his bot specimens, books and scientific papers are kept; wrote or edited

some 200 books & over 1200 scientific papers; a quarterly journal *Baileya* nah; Veitch Memorial Medal 1898 & Gold Medal 1927; George White Medal of Honor 1927; Garden Club of Amer Medal of Honor 1931; CSSA Fellow award 1941; spouse Annette [Nettie] L [née Smith] Bailey (–1938); daughter EZ Bailey;
Book [1900–02] *Cyclopedia of Amer Horticulture* NYC; Eng; (in 4 Vols); 2,016p,
 [1907–09] *Cyclopedia of Amer Agriculture*; Eng,
 [1914–17] *The Standard Cyclopedia of Horticulture* NYC; Eng; 3,639p; (in 3 Vols); 1928 second edition w 6 Parts bound in 3 Vols;

Vol 1, Part 1; 602p;

Vol 1, Part 2; 598p;

Vol 2, Part 3; 560p;

Vol 2, Part 4; 661p;

Vol 3, Part 5; 620p;

Vol 3, Part 6; 598p,

[1923] *Manual of Cultivated Plants*; Eng,

[1930] *Hortus* NYC; Eng; 652p; (1952 *Hortus Second*; 778p; & 1976 *Hortus Third*; 1,290p [both w EZ Bailey]),

[1933] *How Plants Get Their Names* NYC; Eng; 210p,

[1949] *Manual of Cultivated Plant Names* NYC; Eng; 1,116p;

disc species:

(Sedum) **baileyi** (China) 1917 (desc & nah by RL Praeger 1919);

desc species:

(Hoya) **sanae** (Queensland) 1897 —> **Hoya australis** ssp **sanae** by KD Hill 1988,

(Othonna) **capensis** (Eastern Cape) 1901,

(Mamm) **macdougallii** (Sonora, Arizona) 1916 (disc by DT MacDougal & nah) —> **Mamm heyderi** ssp **macdougallii** by DR Hunt 1997;

transfer species:

“*Cereus extensus*” (AP de Candolle 1828) —> **Hylocereus extensus** 1920.



† **Bailey**, Vernon Orlando (21 Jun 1864–20 Apr 1942); US ornithologist, mammologist & naturalist; field naturalist w bureau of biological survey at USDA 1887~; explored & surveyed in US, Canada & Mex, including intense surveys in Texas, New Mex, N Dakota & Oregon; spouse Florence [née Merriam] Bailey (1865–1942), ornithologist & sister of CH Merriam;

disc species:

(Echinocereus) **baileyi** (Oklahoma, Texas) 1906 (desc & nah by JN Rose 1909) —> **Echinocereus reichenbachii** ss **baileyi** by NP Taylor 1997.



† **Baillon**, (Prof) (Dr med) Henri Ernest (30 Nov 1827–19 Jul 1895); {Baill.}; French physician & botanist; MD in Paris 1855; DSc 1858; prof of botany at École de Médecine, Paris 1863~; co-founding member of Bot Soc of France 1854; member of Linnean Soc 1875; member of Royal Soc 1894;

Book [1858] *Étude Générale Du Groupe Des Euphorbiacées* Paris, France; French; in 2 Vols (Vol 1 = 684p, Vol 2 = 77p an Atlas),

[1866–95] *Histoire des Plantes* Paris; in 13 Vol

[1871] Vol 3; *Monographie Des Resedacées, Crassulacées Et Saxifragacées* Paris; French; 464p,

[1874] Vol 5; *Monographie Des Euphorbiacées* Paris; French; 516p,

[1886] Vol 9; *Monographie Des Aristolochiacées, Cactacées, Mésembryanthémacées et Portulacacées* Paris; French; 80p; (reprint 1995 Cactacées w 20p);

desc genera:

Didierea (Mada) 1880 (na A Grandidier),

Talinella (Mada) 1886;

desc species:

(Adansonia) **grandidieri** (Mada) 1893 (na A Grandidier),

(Adansonia) **madagascariensis** (Mada) 1876,

(Adansonia) **za** (Mada) 1890,

(Aprevalia) **floribunda** (Mada) 1884 —> **Delonix floribunda** by RPR Capuron 1968,

(Crassula) **micans** (Mada) 1885,

(Dendrosicyos) **jaubertiana** 1885,

(Didierea) **madagascariensis** (Mada) 1880,

(Dorstenia) **humblotiana** (Mada) 1895 —> **Dorstenia cuspidata** var **humblotiana** by JD Leandri 1948,

(Erythrophysa) **aesculina** (Mada) 1873 —> **Erythrophysopsis aesculina** by B Verdcourt 1962,

(Euphorbia) **boissieri** (Mada) 1860 (na PE Boissier),

(Euphorbia) **pachysantha** (Mada) 1886,

(Euphorbia) **pereskiifolia** (Kenya) 1860 —> **Synadenium pereskiifolium** by JL Guillaumet 1935,

(Euphorbia) **stenoclada** (Mada) 1887,

(Euphorbia) **thouarsiana** (Mada) 1860 (na LMA Thouars),

(Harpagophytum) **abbreviatum** (Mada) 1887 —> **Uncarina abbreviata** by H-D Ihlenfeldt & H Straka 1962,

(Harpagophytum) **grandidieri** (Mada) 1887 (na A Grandidier) —> **Uncarina grandidieri** by H-D Ihlenfeldt & H Straka 1962,

(Kalanchoe) **grandidieri** (Mada) 1888 (na A Grandidier),

(Kalanchoe) **hildebrandtii** (Mada) 1885 (na JM Hildebrandt),

(Momordica) **boivinii** (Ethiopia, Angola, Kenya, Tanzania, Uganda, Botswana, Malawi, Zambia, Mozambique, Zimbabwe, Natal) 1886 (disc by LH Boivin & nah),

(Poinciana) **boiviniana** (Mada) 1883 (na LH Boivin) —> **Delonix boiviniana** by RPR Capuron 1968,

(Pyrenacantha) **kaurabassana** (Kenya, Tanzania, Zimbabwe, Malawi, Mozambique) 1872,

(Talinella) **boiviniana** (Mada) 1886 (na LH Boivin),

(Zacateia) **angolensis** (Angola, Tanzania) 1889 —> **Raphionacme angolensis** by NE Brown 1895;

transfer species:

“Kitchingia campanulata” (JG Baker 1881) —> **Kalanchoe campanulata** 1885,

“Kitchingia gracilipes” (JG Baker 1881) —> **Kalanchoe gracilipes** 1885,

“Kitchingia peltata” (JG Baker 1883) —> **Kalanchoe peltata** 1885,

“Kitchingia porphyrocalyx” (JG Baker 1883) —> **Kalanchoe porphyrocalyx** 1885,

“Kitchingia schizophylla” (JG Baker 1884) —> **Kalanchoe schizophylla** 1885,

“Septas capensis” (C Linnaeus 1760) —> **Crassula capensis** 1874,

“Tithymalus ecklonii” (JF Klotzsch & CAF Garcke 1860) —> **Euphorbia ecklonii** 1863.



†**Bain**, Thomas Charles John (29 Sep 1830–29 Sep 1893); RSA roads engineer; student of botany & helped H Barkly in study of Stapeliads; explored & collected in RSA c1875;

species nah:

(Hoodia) **bainii** (Cape & Namibia) (desc & nah by WT Thiselton-Dyer 1878 & disc by JF Drege c1830);

disc species:

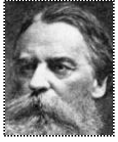
(Caralluma) **linearis** (Western Cape) 1875 (desc by NE Brown 1890) —> **Quaqua linearis** by PV Bruyns 1983,

(Stapelia) **erectiflora** (Northern Cape, Western Cape) c1875 (desc by NE Brown 1889),

(Stapelia) **parvipuncta** (Northern Cape, Western Cape) c1875 (desc by NE Brown 1890) —>

Tridentea parvipuncta by LC Leach 1978,

(Trichocaulon) **flavum** (Namibia, Northern Cape) c1875 (desc by NE Brown 1878) —> **Hoodia flava** by DCH Plowes 1992.



† **Baines**, John **Thomas** (27 Nov 1820–8 May 1875); British writer & artist; to Cape 1842; explored in RSA, East Africa & Southern Rhodesia 1842~; artist on 1857–59 Zambesi expedition w David Livingstone (19 Mar 1813–1 May 1873); artist on James Chapman (27 Dec 1831–4 Feb 1872) expeditions to Namibia 1860–64 where he painted *Welwitschia mirabilis*;

Book [1864] *Explorations in SW Africa* London, Eng; Eng; 535p (journey in 1861–62 from Walrisc Bay on western coast to Lake Ngami & Victoria Falls),

[1866–67] *Nature & Art*; Eng; (in 2 Vols);

species nah:

(Vitis) **bainesii** (Angola, Namibia) (desc & nah by JD Hooker 1864) —> **Cyphostemma bainesii** by BM Descoings 1967;

disc species:

(Duvalia) **polita** (Botswana, Malawi, Mozambique, Namibia, Zambia, Zimbabwe, RSA) c1870 (desc by NE Brown 1876),

(Euphorbia) **monteiri** (Namibia, Angola, Botswana) c1850 (desc by JD Hooker 1865 & na JJ Monteiro),

(Euphorbia) **schinzii** (Mpumalanga, Limpopo, Botswana, Zimbabwe) c1850 (desc by FA Pax 1898 & na H Schinz).

Baird, Ralph O (fl. 1931); {Baird}; US guide at Garfield Park Conservatory, Chicago, Illinois;

desc species:

(Coryphantha) **minima** (Texas) 1931 (disc by AR Davis 1931) —> **Escobaria minima** by DR Hunt 1978.

Bakelaar, C;

Book [1994] *Adromischus in Zuidelijk Afrika* Gouda, Netherlands; 55p.

Baker, Bryan;

Book [1972] *Flowers of the Veld* [w K Linley] Salisbury, Rhodesia; Eng; 120p.

† **Baker**, Edmund Gilbert (9 Feb 1864–17 Dec 1949); {Bak. *f.* or Bak. *fil.*}; British pharmacist & botanist; assistant in dept of botany at British Museum of Natural History, London, Eng 1887–1924; collected in Europe & n Africa; FLS 1887; father JG Baker;

desc species:

(Cotyledon) **alstoni** [w S Schoenland] 1902 (na EG Alston) —> **Adromischus alstoni** by CA Smith 1939,

(Cotyledon) **dinteri** (Great Namaq) 1937 (na MK Dinter),

(Cotyledon) **woodii** [w S Schonland] (Cape) 1902 (disc by JM Wood & nah),

(Crassula) **aphylla** [w S Schonland] (Northern Cape, Western Cape) 1898,

(Crassula) **anomala** [w Schonland] (Western Cape) 1898 —> **Crassula atropurpurea** var **anomala** by HR Tolken 1975,

(Crassula) **deceptor** [w S Schonland] (Namaq to Western Cape) 1902,

(Crassula) **dodii** [w S Schonland] (Western Cape) 1898 (na AH Wolley-Dod),

(Crassula) **elegans** [w S Schonland] (Namibia, Northern Cape, Western Cape) 1902,

(Crassula) **flanagani** [w S Schonland] (Eastern Cape, Natal) 1898 (disc by HG Flanagan & nah),

(Crassula) **hirsuta** [w S Schonland] (Western Cape, Northern Cape) 1898,

(Crassula) **leucantha** [w S Schonland] (Western Cape) 1898 —> **Crassula multiflora** ssp **leucantha** by HR Tolken 1975,

(*Crassula*) **macowaniana** [w S Schonland] (Namibia, Northern Cape) 1899 (na P MacOwan),
 (*Crassula*) **massonii** [w J Britten] (Western Cape) 1897 —> ***Crassula alpestris* ssp *massonii*** by HR Tolken 1975.
 (*Crassula*) **minutiflora** [w S Schonland] (Namibia, Northern Cape) 1898 —> ***Crassula thunbergiana* ssp *minutiflora*** by HR Tolken 1975,
 (*Crassula*) **multiflora** [w S Schonland] (Western Cape) 1898,
 (*Crassula*) **namaquensis** [w S Schonland] (Northern Cape) 1898,
 (*Crassula*) **oblanceolata** [w S Schonland] (Namibia, Northern Cape, Western Cape) 1898,
 (*Crassula*) **pachystemon** [w S Schonland] (Eastern Cape) 1898 —> ***Crassula lanuginosa* var *pachystemon*** by HR Tolken 1975,
 (*Crassula*) **pallens** [w S Schonland] (Namibia, Northern Cape) 1898,
 (*Crassula*) **papillosa** [w S Schonland] (Western Cape, Eastern Cape) 1898,
 (*Crassula*) **promontorii** [w Schonland] (Western Cape) 1898 (disc by AH Wolley-Dod) —> ***Crassula capensis* var *promontorii*** by HR Tolken 1975,
 (*Crassula*) **rattrayi** [w S Schonland] (Northern Cape, Eastern Cape) 1902 (disc by G Rattray & nah) —> ***Crassula pubescens* ssp *rattrayi*** by HR Tolken 1975,
 (*Crassula*) **rudis** [w S Schonland] (Northern Cape, Western Cape) 1902 —> ***Crassula tetragona* ssp *rudis*** by HR Tolken 1975,
 (*Crassula*) **rudolfii** [w S Schonland] (Namibia, Northern Cape) 1898 (disc by H Schlechter & na FR Rudolf Schlechter),
 (*Crassula*) **subacaulis** [w S Schonland] (Northern Cape, Western Cape) 1898,
 (*Crassula*) **tenuipedicellata** [w S Schonland] (Northern Cape, Western Cape) 1902,
 (*Crassula*) **zombensis** (Malawi, Mozambique) 1897,
 (*Donaldsonia*) **stenopetala** (Ethiopia, Kenya) 1896 —> ***Moringa stenopetala*** by G Cufodontis 1957,
 (*Pterodiscus*) **undulatus** (Somalia, Ethiopia) 1899,
 (*Sedum*) **ruwenzoriense** (Kenya, Uganda, Ethiopia, Rwanda, Zaire, Sudan) 1908,
 (*Tillaea*) **alsinoides** (Tropical Africa, Natal, Mpumalanga, Swaziland, Mada) 1864 —> ***Crassula pellucida* ssp *alsinoides*** by HR Tolken 1975.



† **Baker**, John Gilbert (13 Jan 1834–16 Aug 1920); {Baker}; British botanist; drapery business in Thirsk 1847–64; founded Thirsk Bot Exchange Club 1857–66, successor to Bot Soc of London (1836–57); worked at Kew 1866~; keeper of herbarium & library at Kew 1890–99; writer of many journal articles, especially on monocots — *Agave* & *Aloe*; FLS 1866; FRS 1878; Linnean Medal 1899; son EG Baker; spouse Hannah [née Unthank] Baker;

Book [1980] *Synopsis of the Hardy forms of Sempervivums* (photocopy); Eng; 15p; (from 1879 series of articles in Eng journal “Gardeners Chronicle”,

[1888] *Handbook of the Amaryllidaceae [including Agavoideae]* London, Eng; Eng; 216p; (reprint West Ger 1972; Eng; 216p);

desc genera:

Hesperoyucca (western N Amer) 1892,

Rhodocodon (Mada) 1881,

Schizobasis (Namibia, RSA) 1873;

species nah:

(*Agave*) ***gilbertii*** (desc & nah by A Berger 1904),

(*Aloe*) ***bakeri*** (Mada) (desc & nah by S Elliot 1891),

(*Senecio*) ***neobakeri*** (Mada) (desc & nah by J-H Humbert 1963);

desc species:

(*Agave*) ***decipiens*** (Florida) 1892,

(*Agave*) ***franzosinii*** 1892 (na F Franzosini),

(Agave) **huachucensis** (Sonora, Chihuahua into Arizona) 1888 —> **Agave parryi** var **huachucensis** by LD Benson 1943,

(Agave) **maximiliana** (Sinaloa, Durango, Zacatecas, Nayarit, Jalisco, Colima) 1877,

(Agave) **pumila** (Mex) 1888,

(Agave) **warelliana** 1877,

(Albuca) **juncifolia** (Western Cape) 1876,

(Albuca) **zebrina** (Northern Cape) 1904 —> **Ornithogalum zebrinum** by AA Obermeyer 1978,

(Aloe) **andongensis** (Angola) 1878 (disc by FMJ Welwitsch 1858),

(Aloe) **angolensis** (Angola) 1878 (disc by FMJ Welwitsch 1858),

(Aloe) **boylei** (Eastern Cape, Natal, Limpopo, Mpumalanga) 1892 (disc by F Boyle 1891 & nah),

(Aloe) **brachystachys** (Tanzania) 1895,

(Aloe) **buchananii** (Malawi) 1895 (disc by J Buchanan 1892 & nah),

(Aloe) **capitata** (Mada) 1883,

(Aloe) **cooperi** (Natal, Mpumalanga, Swaziland) 1874 (disc by WJ Burchell 1814 & na T Cooper),

(Aloe) **crassipes** (Sudan, Zambia) 1880 (disc by GA Schweinfurth 1870),

(Aloe) **cryptopoda** (Botswana, Zimbabwe, Zambia Malawi, Mozambique, Mpumalanga, Limpopo, North-West) 1884 (disc by J Kirk 1859),

(Aloe) **deltoideodonta** (Mada) 1883 (possibly disc by Rev R Baron 1881),

(Aloe) **falcata** (Northern Cape, Western Cape) 1880 (disc by J Backhouse 1839),

(Aloe) **greenii** (Natal) 1880 (na CG or GH Green),

(Aloe) **haworthioides** (Mada) 1886,

(Aloe) **hildebrandtii** (Somalia) 1888 (disc by JM Hildebrandt 1870s & nah),

(Aloe) **kniphofioides** (Mpumalanga, Natal) 1890,

(Aloe) **kraussii** (Natal) 1880 (na FF von Krauss),

(Aloe) **littoralis** (Angola, Botswana, Mozambique, Namibia, Zambia, Zimbabwe, RSA) 1878 (disc by FMJ Welwitsch 1854),

(Aloe) **longistyla** (Western Cape, Eastern Cape) 1880,

(Aloe) **luntii** (Somalia, Oman, Yemen) 1894 (disc by W Lunt 1893 & nah),

(Aloe) **macroclada** (Mada) 1883 (possibly disc by Rev R Baron 1882),

(Aloe) **macrosiphon** (Tanzania, Kenya, Uganda, Rwanda) 1898,

(Aloe) **megalacantha** (Ethiopia, Somalia) 1898,

(Aloe) **menyharthii** (Mozambique, Malawi) 1898 (na L Menyharth),

(Aloe) **minima** (Natal, Swaziland) 1895,

(Aloe) **nuttii** (Angola, Zambia, Zaire, Malawi, Tanzania,) 1897 (na WH Nutt),

(Aloe) **oligophylla** (Mada) 1883,

(Aloe) **otallensis** (Ethiopia) 1898,

(Aloe) **palmiformis** (Angola) 1878,

(Aloe) **penduliflora** (Kenya) 1888,

(Aloe) **perryi** (Socotra) 1881 (na W Perry),

(Aloe) **pratensis** (Natal, Lesotho, Eastern Cape) 1880 (disc by JG Baker in Thos. Cooper's garden 1878),

(Aloe) **vituenensis** (Sudan, Kenya) 1898,

(Aloe) **rivae** (Ethiopia, Kenya) 1898 (na D Riva),

(Aloe) **rupestris** (Mozambique, Swaziland, Natal) 1896 (disc by H Barkly 1878),

(Aloe) **ruspoliana** (Ethiopia, Somalia, Kenya) 1898 (disc by D Riva 1893 & na E Ruspoli),

(Aloe) **schweinfurthii** (Ghana, Mali, Benin, Nigeria, Sudan, Uganda, Zaire) 1880 (disc by GA Schweinfurth 1870 & nah),

(Aloe) **speciosa** (Eastern Cape, Western Cape) 1880,

(Aloe) **squarrosa** (Socotra) 1883 (disc by IB Balfour 1880),

(Aloe) **thraskii** (Eastern Cape, Natal) 1880 (na ? Thrask),

(Aloe) **zebrina** (Angola, Botswana Zambia, Mozambique, Zimbabwe, Malawi, Namibia, Gauteng, Mpumalanga, Limpopo) 1878 (disc by MJ Welwitsch 1854),
 (Anthericum) **intricatum** (Angola, Tanzania, Namibia, Ethiopia, Zimbabwe, Zambia, Mozambique, RSA) 1872 —> **Schizobasis intricata** by JG Baker 1874,
 (Anthericum) **involucratum** (Northern Cape) 1876 —> **Trachyandra involucrata** by AA Obermeyer 1962,
 (Anthericum) **tortile** (Western Cape) 1904 —> **Trachyandra tortilis** by AA Obermeyer 1962,
 (Asparagus) **cuscutoides** (Namibia, RSA) 1875 —> **Schizobasis cuscutoides** by G Bentham & WJ Hooker 1883,
 (Brachystelma) **arnotii** (North-West) 1869 (na D Arnot),
 (Bravoa) **bulliana** (Durango, Aguascalientes, Jalisco, Nayarit, Michoacan, Zacatecas) 1884 —> **Agave bulliana** by J Thiede & U Eggli 1999,
 (Bryophyllum) **rubellum** (Mada) 1889 —> **Kalanchoe rubella** by Raymond-Hamet & JMH Perrier de la Bathie 1915,
 (Bulbine) **brunsvigiifolia** (Northern Cape, Western Cape) 1896,
 (Bulbine) **densiflora** (Eastern Cape) 1876,
 (Bulbine) **filifolia** (Eastern Cape, Natal, Free State) 1876,
 (Bulbine) **flexicaulis** (Eastern Cape) 1896,
 (Bulbine) **minima** (Western Cape) 1876,
 (Bulbine) **natalensis** (Eastern Cape, Natal) 1896,
 (Buphane) **fischeri** (Ethiopia, Kenya, Somalia, Tanzania) 1898 (na GA Fischer) —> **ansevieria fischeri** by WRB Marais 1986,
 (Ceropegia) **multiflora** (Northern Prov, North-West, Free State, Gauteng) 1869 (disc by D Arnot),
 (Chlorophytum) **suffruticosum** (Kenya) 1885,
 (Coleus) **tetensis** (Kenya, Tanzania, Mozambique, Zimbabwe, Namibia) 1900 —> **Plectranthus tetensis** by ADQ Agnew 1974,
 (Cotyledon) **atropurpurea** (Veracruz) 1870 —> **Echeveria atropurpurea** by CJE Morren 1874,
 (Cotyledon) **barbeyi** (Tropical Africa, sw Arabian Peninsula) 1893 (disc by GA Schweinfurth & na W Barbey),
 (Cotyledon) **carnicolor** (Veracruz) 1870 —> **Echeveria carnicolor** by CJE Morren 1874,
 (Cotyledon) **cooperi** (Eastern Cape) 1869 (disc by T Cooper 1860 & nah) —> **Adromischus cooperi** by A Berger 1930,
 (Cotyledon) **decipiens** (Peru) 1870 —> **Sedum decipiens** by J Thiede & H 't Hart 1999,
 (Cotyledon) **flanagani** [w S Schonland] (Eastern Cape) 1902 (na HG Flanagan) —> **Cotyledon orbiculata** var **flanagani** by HR Tolken 1979,
 (Cotyledon) **nodulosa** (Oaxaca, Puebla) 1869 —> **Echeveria nodulosa** by CF Otto 1873l,
 (Cotyledon) **sprucei** (Ecuador) 1869 (na R Spruce) —> **Echeveria quitensis** var **sprucei** by JKL von Poellnitz 1936,
 (Cotyledon) **stolonifera** (unknown) 1869 —> **Echeveria stolonifera** by CF Otto 1873,
 (Cotyledon) **woodii** [w S Schonland] (Western Cape, Eastern Cape) 1902 (na JM Wood),
 (Crassula) **coleae** (Somalia, Kenya, Tanzania) 1895 (na E Cole) —> **Crassula volkensii** ssp **coleae** by GE Wickens & M Bywater 1980,
 (Crassula) **cordifolia** (Mada) 1889,
 (Crassula) **fragilis** (Mada, Tropical Africa, Eastern Cape to Tanzania) 1887 —> **Crassula expansa** ssp **fragilis** by HR Tolken 1975,
 (Cussonia) **myriacantha** (Mada),
 (Dasylirion) **plabile** (Yucatan, Quintana Roo, Guatemala, Belize) 1880 —> **Beaucarnea pliabilis** by JN Rose 1906,
 (Dioscorea) **rehmannii** (Natal, Free State, Limpopo) 1912 (na A Rehmann) —> **Dioscorea sylvatica** var **rehmannii** by IH Burkill 1952,

(Dracaena) **serrulata** (Saudi Arabia, Yemen, Oman) 1894,
 (Drimia) **haworthioides** (Eastern Cape, Western Cape) 1875,
 (Eriospermum) **bowieanum** (Western Cape) 1876 (na J Bowie),
 (Euphorbia) **alcicornis** (Mada) 1887,
 (Euphorbia) **hadramautica** (Yemen, Ethiopia, Somalia) 1894,
 (Euphorbia) **primulifolia** (Mada) 1881,
 (Gasteria) **excelsa** (Eastern Cape) 1880,
 (Harpagophytum) **peltatum** (Mada) 1890 —> **Uncarina peltata** by O Stapf 1895,
 (Haworthia) **angolensis** (RSA, Lesotho, Angola Namibia Botswana, Zimbabwe) 187—> **Chortolirion angolense** by A Berger 1908,
 (Haworthia) **bolusii** (Eastern Cape) 1880 (disc by & na H Bolus),
 (Haworthia) **cooperi** (Eastern Cape) 1871 (na T Cooper),
 (Haworthia) **glauca** (Eastern Cape) 1880,
 (Haworthia) **greenii** (Eastern Cape) 1880 (na CG or GH Green) —> **Haworthia coarctata** fa **greenii** by MB Bayer 1999,
 (Haworthia) **pilifera** (Eastern Cape) 1871 —> **Haworthia cooperi** var **pilifera** by MB Bayer 1999,
 (Haworthia) **subregularis** (Western Cape) 1871 —> **Haworthia reticulata** var **subregularis** by JW Pilbeam 1983,
 (Haworthia) **xiphiophylla** (Eastern Cape) 1896 —> **Haworthia arachnoidea** var **xiphiophylla** by JJ Halda 1997,
 (Hyacinthus) **cryptopodus** (Mada) 1883,
 (Ipomoea) **atherstonei** (Namibia, Botswana, Zimbabwe, Natal, Mpumalanga) 1904 (na WG Atherstone),
 (Kalanchoe) **integrifolia** (Mada) 1887,
 (Kalanchoe) **laxiflora** (Mada) 1887,
 (Kalanchoe) **marmorata** (central & eastern Africa) 1892,
 (Kalanchoe) **orgyalis** (Mada) 1882,
 (Kalanchoe) **pubescens** (Mada) 1887,
 (Kalanchoe) **pumila** (Mada) 1883 (disc by R Baron),
 (Kalanchoe) **streptantha** (Mada) 1887,
 (Kalanchoe) **tomentosa** (Mada) 1882,
 (Kalanchoe) **synsepala** (Mada) 1882,
 (Kitchingia) **campanulata** (Mada) 1881 —> **Kalanchoe campanulata** by HE Baillon 1885,
 (Kitchingia) **gracilipes** (Mada) 1881 —> **Kalanchoe gracilipes** by HE Baillon 1885,
 (Kitchingia) **peltata** (Mada) 1883 —> **Kalanchoe peltata** by HE Baillon 1885,
 (Kitchingia) **porphyrocalyx** (Mada) 1883 —> **Kalanchoe porphyrocalyx** by HE Baillon 1885,
 (Kitchingia) **schizophylla** (Mada) 1884 —> **Kalanchoe schizophylla** by HE Baillon 1885,
 (Ornithogalum) **anomalum** (Western Cape, Natal) 1870 —> **Drimia anomala** by JG Baker 1897,
 (Ornithogalum) **multifolium** (Western Cape, Northern Cape) 1873,
 (Pachypodium) **brevicaule** (Mada) 1887 (disc by R Baron c1880),
 (Pachypodium) **densiflorum** (Mada) 1886 (disc by R Baron c1880),
 (Pachypodium) **rosulatum** (Mada) 1882 (disc by R Baron c1880),
 (Pelargonium) **whytei** (Uganda, Zaire, Kenya, Tanzania, Malawi, Zambia) 1897 (na A Whyte),
 (Plectranthus) **subacaulis** (Zambia to Zaire) 1895 —> **Aeollanthus subacaulis** by H Hua & JI Briquet 1900,
 (Rhipsalis) **horrida** (Mada) 1884 (disc by R Baron 1882) —> **Rhipsalis baccifera** ssp **horrida** by WA Barthlott 1987,
 (Sansevieria) **bracteata** (Angola) 1880,
 (Sansevieria) **ehrenbergii** (Yemen, Djibouti, Eritrea, Ethiopia, Kenya, Somalia, Sudan, Tanzania) 1875 (na CG Ehrenberg),

(Sansevieria) **kirkii** (Malawi, Tanzania, Zanzibar) 1887 (disc by J Kirk & nah),
 (Sansevieria) **nilotica** (Central African Rep, Ethiopia, Sudan, Uganda) 1875 (disc by J Murie),
 (Sansevieria) **senegambica** (Gambia, Guinea, Guinea-Bissau, Ivory Coast, Senegal, Sierra Leone) 1875,
 (Sansevieria) **subspicata** (Mozambique) 1889 (disc by (Mrs) Monteiro 1866),
 (Sansevieria) **sulcata** (Comoro Islands, Mozambique, Tanzania) 1875,
 (Senecio) **antitensis** (Mada) 1897,
 (Senecio) **hildebrandtii** (Mada) 1897 (na JM Hildebrandt),
 (Senecio) **melastomifolius** (Mada) 1887,
 (Senecio) **mweroensis** (Tanzania, Zambia) 1895,
 (Senecio) **nyikensis** (Africa) 1897,
 (Scilla) **concolor** (Eastern Cape) 1870 —> **Ledebouria concolor** by JP Jessop 1970,
 (Scilla) **ovatifolia** (Eastern Cape, Mpumalanga) 1870 —> **Ledebouria ovatifolia** by JP Jessop 1970,
 (Scilla) **socialis** (Eastern Cape, Natal) 1870 —> **Ledebouria socialis** by JP Jessop 1970,
 (Trianthema) **nyasicum** (Zambia, Angola, Malawi, Tanzania, Zimbabwe) 1897 —> **Sesuvium nyasicum** by ML Goncalves 1965,
 (Urginea) **delagoensis** (Natal, Mpumalanga, Mozambique, Swaziland) 1897,
 (Vitis) **aralioides** (Tropical Africa) 1868 —> **Cissus aralioides** by JE Planchon 1887,
 (Vitis) **congesta** (RSA, Namibia) 1868 —> **Cyphostemma congestum** by H Wild & RB Drummond 1966,
 (Vitis) **crassiuscula** (Angola) 1868 —> **Cyphostemma crassiusculum** by BM Descoings 1967,
 (Vitis) **microdonta** (Mada) 1882 —> **Cissus microdonta** by JE Planchon 1887,
 (Vitis) **nymphaeifolia** (Angola, Namibia) 1868 —> **Cissus nymphaeifolia** by JE Planchon 1887,
 (Yucca) **periculosa** (Veracruz, Puebla, Tlaxcala, Oaxaca) 1870;
transfer species:
 “Aloe deltoidea” (JD Hooker 1873) —> **Apicra deltoidea** 1880,
 “Aloe depressa” (AH Haworth 1804) —> **Aloe brevifolia** var **depressa** 1880,
 “Aloe glabrata” (JMF Salm Dyck 1834) —> **Haworthia glabrata** 1880,
 “Aloe postgenita” (JA Schultes & JH Schultes 1830) —> **Aloe brevifolia** var **postgenita** 1880,
 “Apicra nigra” (AH Haworth 1825) —> **Haworthia nigra** 1880,
 “Eucomis bifolia” (NJ von Jacquin 1791) —> **Whiteheadia bifolia** 1873,
 “Haworthia herrei” (JKL von Poellnitz 1929) —> **Haworthia glauca** var **herrei** 1976,
 “Haworthia obtuse” (AH Haworth 1825) —> **Haworthia cymbiformis** var **obtuse** 1880,
 “Polemannia hyacinthoides” (E von Berg 1826) —> **Dipcadi hyacinthoides** 1871,
 “Yucca whipplei” (J Torrey 1859) —> **Hesperoyucca whipplei** 1892;
desc variety:
 (Echeveria gibbiflora var) **metallica** 1863.

Baker, Marc Andre (1953–); {M.A.Baker}; US botanist; PhD at Arizona State Univ 1985; botanist at Dept of Plant Biology, Arizona State Univ; studied Opuntia DNA; specialized in Cholla-type Opuntia; collected in Belize, Colombia, Ecuador, Mex, Peru & US;

Book 1985] *A biosystematic study of a Triploid Apomict, Opuntia kelvinensis (subgenus Cyllindropuntia, Cactaceae)* Tempe, Arizona; Eng; 139p; (PhD Thesis).

disc variety:

(Opuntia echinocarpa var) **wolfii** (LD Benson 1969) —> **Cyllindropuntia wolfii** 2001.

Baker, Martha; US research editor for Ortho Books;

Book 1977] *The World of C&S & other Water-thrifty Plants* San Francisco, Calif; Eng; 96p w 266 color photos; (editor of).

+**Baker**, Wm [Bill] (–Apr 2009); US; Tarzana, Calif nurseryman; explored in Mex, Bolivia & Peru;

disc species:

(Echeveria) **bakeri** (Cochabamba) 1983 (desc & nah by MW Kimmach 1991),
(Echeveria) **decumbens** (Peru) 1982 (desc by MW Kimmach 1995),
(Pachyphytum) **caesium** (Aguascalientes) 1989 (desc by MW Kimmach & RV Moran 1998),
(Sedum) **copalense** (Sinaloa) 1993 (desc by MW Kimmach 1996).



Balakrishnan, (Dr) Nambiyath Puthansurayil (27 Jul 1935–); {N.P.Blakr.}; India botanist; PhD in plant taxonomy at Gauhati Univ, India 1972; worked on Bot Survey of India 1958~; edited Vol 1&2 of 1993 Flora of India; working as scientist in Madras Herbarium revising Euphorbiaceae for Flora of India, Vol 23;

desc species:

(Euphorbia) **vajravelui** [w MS Binojkumar] (India) 1991 (disc by E Vajravelu 1990 & nah),
(Jatropha) **heynei** (India) 1962 (na B Hayne).

† **Balansa**, Benedict [Benjamin] (27 Mar 1825–2 Nov 1891); {Balansa}; French botanist & commercial plant collector for Natl Museum of Natural History of France; collected in Algeria 1847-48 & 1850-53, Middle East 1854-66, Paraguay 1873-77 & 1878-84, & Tonkin (N Vietnam) & Java 1885~; friend of AJA Bonpland; spouse Pauline [née Fabre] Balansa;

disc species

(Cereus) **balansae** (Argentina, Bolivia, Brazil, Paraguay) (desc & nah by KM Schumann 1890)
—> **Harrisia balansae** by NP Taylor & DC Zappi 1997.



† **Balbis**, (Prof) (Dr med) Giovan [Gioanni, Giovanni] Battista (17 Nov 1765–13 Feb 1831); {Balb.}; Italian botanist, physician & politician; MD at College of the Provinces, Italy 1791; prof of botany at Univ of Turin & dir of bot garden 1801~;

desc species:

(Sedum) **monregalense** (France, Italy) 1804.

† **Baldacci**, Antonio (3 Oct 1867–31 Jul 1950); {Bald.}; Italian botanist, ethnologist & geographer; prof at Univ of Bologna 1891–1902 & at Univ of Rome 1902~; spouse Carola [née Morelli] Baldacci;

desc subsp:

(Sedum annum ssp) **epiroticum** (Greece) 1989 —> **Sedum eriocarpum** ssp **epiroticum** by H't Hart 1996.

Baldi, J:

species nah:

(Echinocactus) **baldianus** (Uruguay) (desc & nah by CL Spegazzini 1905) —> **Gymnocalycium baldianum** by CL Spegazzini 1925.

† **Baldrati**, (Dr) Isaia (13 Oct 1872–); Italian botanist; degree at Univ of Pisa, Italy; botanist in Eritrea over 30 years; collected in Eritrea;

disc species:

(Caralluma) **baldratii** (Ethiopia, Eritrea, Tanzania, Kenya) (desc & nah by AC White & BL Sloane 1937) —> **Orbea baldratii** by PV Bruyns 2001.

Baldwin, (Prof) (Dr) Bruce Gregg (20 Aug 1957–); {B.G.Baldwin}; US vascular plant systematist & biosystematist; PhD at Univ of Calif, Davis 1989; curator of Jepson Herbarium & associate prof of integrative biology at Univ of Calif, Berkeley 1994~;

Book [2002] Editor of *The Jepson Desert Manual* Los Angeles, Calif; Eng; 640p w 128 color photos, including Agave 1p, Cactaceae 8p, Crassulaceae 4p, Nolina 2p & Yucca 2p; (other editors were Steve Boy,



Baldwin, Debra Lee; US writer, editor, watercolor artist & photojournalist in s Calif; BA in Eng literature at US International Univ, San Diego, Calif;
Book [2007] *Designing with Succulents* Portland, Oregon; Eng; 255p,
[2010] *Succ Container Gardens* Portland; Eng; 248p w 320 photos,
[2013] *Succ Simplified*; Eng; 272p.

Baldwin, Stuart A (1930–); British pharmacist, natural historian & amateur botanist; worked in industry & medical (pharmaceutical) profession;
Book [1986] *John Ray (1627–1705) Essex Naturalist* Witham, Eng; Eng; 80p; (a summary of his life, work & scientific achievement).



† **Balen**, Jan C van (3 Feb 1894–19 Oct 1956); Dutch horticulturist; gardener at Kew 1915–19; to RSA 1919; Dir of Parks, Johannesburg, RSA 1919~;
disc species:

(Aloe) **mutabilis** (Gauteng, North-West, Mpumalanga, Limpopo) 1933 (desc by NS Pillans 1933),
(Euphorbia) **lydenburgensis** [w GJ de Wijn] (Mpumalanga) 1932 (desc by HGW Schweickerdt & CL Letty 1933).



† **Balfour**, (Prof) (Dr med) (Sir) Isaac **Bayley** (31 Mar 1853–30 Nov 1922); {Balf. f. or Balf. fil.}; Scottish botanist & physician; DSc at Univ of Edinburgh 1875; MD at Univ of Edinburgh 1877; prof of botany at Univ of Glasgow 1879–84, Oxford 1884–88, & Edinburgh 1888~; keeper of Royal Bot Garden, Edinburgh 1888~; collected in Socotra 1880 & in Yemen, China & Mauritius; FLS 1875; FRS 1884; Linnean Medal 1919; knighted 1920; spouse Agnes [née Bayley] Balfour;

Book [1888] *The Botony of Socotra* Edinburgh, Eng; Eng;

desc genus:

Dendrosicyos (Socotra) 1882;

species nah:

(Sedum) **balfourii** (China, Tibet) (desc & nah by Raymond-Hamet 1912);

disc species:

(Aloe) **squarrosa** (Socotra) 1880 (desc by JG Baker 1883);

desc species:

(Adenium) **somalense** (Somalia) 1888 —> **Adenium obesum** ssp **somalense** by GD Rowley 1980,

(Aloe) **forbesii** (Socotra) 1903 (na H Forbes),

(Aloe) **lomatophylloides** (Rodrigues Island) 1877,

(Boucerosia) **socotrana** (Socotra, Kenya, Somalia, Ethiopia) 1884 (disc by him 1880–81)

—> **Caralluma socotrana** by NE Brown 1892,

(Dendrosicyos) **socotrana** (Socotra) 1882,

(Dorstenia) **gigas** (Socotra) 1883,

(Dracaena) **cinnabari** (Socotra) 1882,

(Euphorbia) **abdelkuri** (Abd-el-Kuri Island of Socotra Archipelago) 1903,

(Euphorbia) **arbuscula** (Socotra) 1883,

(Euphorbia) **spiralis** (Socotra) 1883,

(Jatropha) **unicostata** (Socotra) 1883,

(Kalanchoe) **farinacea** (Socotra) 1882,

(Kalanchoe) **robusta** (Socotra) 1882,

(Sarcostemma) **odontolepis** (Ethiopia, Kenya, Mauritius, Tanzania) 1877 —> **Cynanchum viminale** ssp **odontolepis** by DJ Goyder 2009,

(Senecio) **scottii** (Socotra) 1882 (disc by BC Scott 1880 & nah) —> **Senecio longiflorus** ssp **scottii** by GD Rowley 1990,

(Tetragonia) **pendantra** (Somalia) 1884,

(Vitis) **paniculata** (Socotra) 1882 —> **Cissus paniculata** by JE Planchon 1887,

(Vitis) **subaphylla** (Socotra) 1882 —> **Cissus subaphylla** by JE Planchon 1887;

desc variety:

(Euphorbia arbuscula var) **montana** (Socotra) 1883.

†**Balkovsky**, BE (1899–1985); {Balk.};

desc species:

(Sedum) **borissovae** (Ukraine) 1953 (na A Borissova).

Balkrishnan, NP; India;

Book [2010] *The Genus Euphorbia L. (Euphorbiaceae) in India* [w MS Binojkumar] India; Eng; 430p.



†**Ball**, John (20 Aug 1818–21 Oct 1889); {Ball}; Irish botanist, politician & alpinist; explored in Morocco w JD Hooker 1871,

N & S Amer 1882 & in European Alps;

desc species:

(Cotyledon) **chiclensis** (Peru) 1887 —> **Echeveria chiclensis** by A Berger 1930,

(Cotyledon) **incanum** (Peru) 1885 (disc by him 1882) —> **Sedum incanum** by G Pino 2006,

(Sedum) **andinum** (Peru) 1885 (disc by him 1882),

(Sedum) **modestum** (Morocco) 1873;

desc subsp:

(Sempervivum) **tectorum** ssp **atlanticum** (Morocco) 1873 —> **Sempervivum atlanticum** by J Ball 1878.

†**Ball**, John Stanhope (Sep 1926–9 Oct 1976); Zimbabwean forestry officer; forester-in-charge at Charter Forest Estates, Chimanimani, Zimbabwe 1952~; explored near Chimanimani Mtns;

disc species:

(Aloe) **ballii** (Mozambique, Zimbabwe) 1962 (desc & nah by GW Reynolds 1964).

†**Ball**, (Prof) (Dr) Oscar Melville (25 Aug 1868–11 Nov 1942); {O.M.Ball}; US palaeobotanist & botanist; PhD at Univ of Virginia 1904; prof of biology, botany & mycology at Agricultural & Mechanical College of Texas 1903~; spouse Mary [née Moon] Ball (8 Jul 1873–8 Jun 1942);

desc species:

(Sempervivum) **atlanticum** (nw Africa) 1878.

Ballester Olmos, José Francisco; Spanish agriculturalist at Natl Agricultural Research Institute; IOS member 1976;

Book [1978] *Los Cactus y las Otras Plantas Suculentas* Valencia, Spain; Spanish; 142p.

†**Balls**, Edward Kent (9 Aug 1892–23 Oct 1984); {Balls}; English botanist to US; collected in Asia Minor, Greece & S Amer; on staff at Santo Ana Bot Garden, Claremont, Calif;

Book [1962] *Early Uses of Calif Plants* Berkeley, Calif; Eng; 103p; (includes agave, opuntia, ferocactus & yucca);

species nah:

(Echeveria) **ballsii** (Colombia) (desc & nah by EE Walther 1958),

(Sempervivum) **ballsii** (Greece) (desc & nah by RS Wale 1940) —> **Sempervivum marmoreum** ssp

ballsii by BJM Zonneveld 1999.

Bally, [later Adamson] Friederike Viktoria [**Joy**] — see Joy **Adamson**.



†**Bally**, (Dr hc) **Peter** René Oscar (9 May 1895–26 Jul 1980); {Bally}; Swiss self taught taxonomic botanist & botanical illustrator; to Tanzania in search for medicinal plants 1929; worked for British Petroleum company in Mombasa, Kenya 1930–37 where he became interested in succ plants; botanist at herbarium in Coryndon Museum, Nairobi, Kenya 1938–56; worked at Conservatoire et Jardin Botanique in Geneva, Switzerland 1959–69; collected in Kenya, Tanganyika, Eritrea, Ethiopia, Somalia, Mada, Ghana & Nigeria; leading authority on succ of east & ne Africa; specialist in families Euphorbiaceae & Stapeliaceae; wrote numerous journal articles; IOS member 1953; honorary doctorate from Univ of Basel, Switzerland 1973; CSSA Fellow award 1975; journal “Ballya” nah, pub by Succulenta East Africa, Nairobi 1993–98; first spouse J Adamson; second spouse Heidi Bally;

Book [1961] *The Genus Monadenium (A Monographic Study)* Bern, Switzerland; Eng; 128p;

desc genera:

Pseudolithos (Somalia, Oman) 1965 (disc by him),

Rhytidocaulon (Ethiopia, Somalia, Yemen, Somalia, Oman, Saudi Arabia) 1963;

species nah:

(Adenia) **ballyi** (Somalia) (desc & nah by B Verdcourt 1964),

(Ceropegia) **ballyana** (Kenya) (desc & nah by AA Bullock 1955),

(Euphorbia) **ballyana** (Kenya) (desc & nah by WHH Rauh 1966 & disc by WHH Rauh 1960),

(Euphorbia) **ballyi** (Somalia) (desc & nah by S Carter 1963),

(Euphorbia) **proballyana** (Tanzania) (desc & nah by LC Leach 1968 & disc by WV Harris 1943),

(Kalanchoe) **ballyi** (Kenya) (desc & nah by G Cufodontis 1967),

(Sansevieria) **ballyi** (Kenya) (desc & nah by LE Newton 2004 & disc by WHH Rauh 1960),

(Stapeliopsis) **ballyi** (Somaliland) (desc & nah by JLE Marnier-Lapostolle 1959) —> **Echidnopsis**

ballyi by PRO Bally 196;

disc species:

(Aloe) **ballyi** (Kenya, Tanzania) 1934 (desc & nah by GW Reynolds 1953),

(Aloe) **brunneostriata** [w JJ Lavranos, FK Horwood & R Melville] (Somalia) 1973 (desc by JJ Lavranos & S Carter 1992),

(Aloe) **grisea** (Somalia) 1954 (desc by S Carter & PE Brandham 1983),

(Aloe) **hemmingii** (Somalia) 1949 (na CF Hemming),

(Aloe) **jucunda** (Somalia) 1953 (desc by GW Reynolds 1953),

(Aloe) **medishiana** (Somalia) 1954 (desc by PRO Bally & GW Reynolds 1958),

(Aloe) **ukambensis** (Kenya) 1952 (desc by GW Reynolds 1956),

(Echidnopsis) **mariae** (Kenya) 1971 (desc by JJ Lavranos 1982 & na MC Bellerue-Bleck),

(Euphorbia) **columnaris** (Somalia) (desc by him 1964),

(Euphorbia) **fluminis** (Kenya) 1943 (desc by S Carter 1982),

(Euphorbia) **marsabitensis** (Kenya) 1963 (desc by S Carter 1982),

(Euphorbia) **quadrispina** [w A Radcliffe-Smith] (Kenya) 1972 (desc by S Carter 1982),

(Kleinia) **leptophylla** (Ethiopia, Kenya, Saudi Arabia) 1963 (desc by C Jeffrey 1986) —> **Senecio**

mwerensis var **leptophyllus** by GD Rowley 1994;

desc species:

(Aloe) **breviscapa** [w GW Reynolds] (Somalia) 1958 (disc by PRO Bally 1956),

(Aloe) **cremnophila** [w GW Reynolds] (Somalia) 1961 (disc by PRO Bally 1956),

(Aloe) **eminens** [w GW Reynolds] (Somalia) 1958,

(Aloe) **hemmingii** [w GW Reynolds] (Somalia) 1964 (disc by PRO Bally 1949 & na CF Hemming),

(Aloe) **peckii** [w IC Verdoorn] (Somalia) 1956 (disc by EA Peck 1951 & nah),

(Aloe) **retrospiciens** [w GW Reynolds] (Somalia) 1958 (disc by GW Reynolds 1957),

(Aloe) **rigens** [w GW Reynolds] (Somalia) 1958,

(Aloe) **scobinifolia** [w GW Reynolds] (Somalia) 1958,
 (Caralluma) **congestiflora** (Somalia) 1965,
 (Caralluma) **furta** (Ethiopia, Somalia) 1963,
 (Caralluma) **huernioides** (Somalia) 1965 —> **Orbea huernioides** by PV Bruyns 2001,
 (Caralluma) **moniliformis** (Somalia) 1965,
 (Caralluma) **peckii** (Ethiopia, Kenya, Uganda) 1962 (na EA Peck),
 (Caralluma) **subterranea** [w EA Bruce] (Kenya, Tanzania) 1941 —> **Orbea tubiformis** by PV Bruyns
 2001,
 (Caralluma) **tubiformis** [w EA Bruce] (Kenya) 1941 —> **Orbea tubiformis** by PV Bruyns 2001,
 (Caralluma) **vibratilis** [w EA Bruce] (Kenya, Uganda, Tanzania, Ethiopia) 1941 —> **Orbea vibratilis**
 by PV Bruyns 2001,
 (Caralluma) **wilsonii** (Uganda) 1966 (na JG Wilson) —> **Orbea wilsonii** by PV Bruyns 2001,
 (Ceropegia) **copleyae** [w EA Bruce] (Kenya) 1950 (na G Copley) —> **Ceropegia crassifolia** var
copleyae by HFJ Huber 1957,
 (Ceropegia) **imbricata** [w EA Bruce] (Kenya) 1951,
 (Duvalia) **tanganyikensis** [w EA Bruce] (Tanzania) 1941 —> **Huernia tanganyikensis** by LC Leach
 1969,
 (Echidnopsis) **angustiloba** [w EA Bruce] (Kenya) 1941,
 (Echidnopsis) **archeri** (Somalia, Kenya) 1957 (disc by J Archer & nah),
 (Echidnopsis) **bihendulensis** (Somalia) 1957,
 (Echidnopsis) **ciliata** (Somalia) 1957 —> **Echidnopsis sharpie** ssp **ciliata** by PV Bruyns 1988,
 (Echidnopsis) **planiflora** (Djibouti, Somalia, Ethiopia) 1956,
 (Echidnopsis) **urceolata** (Ethiopia, Kenya) 1963,
 (Echidnopsis) **watsonii** (Somalia, Kenya) 1963 (na JM Watson),
 (Euphorbia) **adjurana** [w S Carter] (Ethiopia, Kenya) 1982 (disc by JB Gillett 1952),
 (Euphorbia) **barbicollis** (Somalia) 1965,
 (Euphorbia) **brevitorta** (Kenya) 1959 (disc by HM Gardner),
 (Euphorbia) **calamiformis** [w S Carter] (Ethiopia, Somalia, Uganda, Kenya) 1985,
 (Euphorbia) **carteriana** (Somalia) 1964 (na S Carter),
 (Euphorbia) **classenii** [w S Carter] (Kenya) 1974 (disc by GA Classen 1960 & nah),
 (Euphorbia) **colubrina** [w S Carter] (Ethiopia, Kenya) 1982 (disc by PRO Bally 1953),
 (Euphorbia) **cryptospinosa** (Kenya, Ethiopia, Somalia) 1963 (disc by him 1941),
 (Euphorbia) **cussonioides** (Kenya) 1958 (disc by (Mr) McDonald 1939),
 (Euphorbia) **decidua** [w LC Leach] (Zaire, Tanzania, Zimbabwe, Zambia, Malawi) 1975 (disc by
 EWB Milne-Redhead 1938),
 (Euphorbia) **dumeticola** [w S Carter] (Tanzania) 1976 (disc by F Goetze c1900),
 (Euphorbia) **durumensis** (Kenya),
 (Euphorbia) **elegantissima** [w S Carter] (Tanzania) 1974 (disc by PRO Bally 1934),
 (Euphorbia) **eyassiana** [w S Carter] (Tanzania) 1982 (disc by PRO Bally 1956),
 (Euphorbia) **fissispina** [w S Carter] (Ethiopia) 1987,
 (Euphorbia) **gemmea** [w S Carter] (Kenya) 1982 (disc by JB Gillett 1952),
 (Euphorbia) **gillettii** [w S Carter] (Somalia) 1977 (na JB Gillett),
 (Euphorbia) **greenwayi** [w S Carter] (Tanzania) 1974 (disc by PJ Greenway 1969 & nah),
 (Euphorbia) **immersa** [w S Carter] (Somalia) 1966,
 (Euphorbia) **inculta** (Somalia) 1964,
 (Euphorbia) **meridionalis** [w S Carter] (Kenya, Tanzania) 1982 (disc by C van Someren 1931),
 (Euphorbia) **mitriformis** [w S Carter] (Somalia) 1976 (disc by PRO Bally 1956),
 (Euphorbia) **mosaica** [w S Carter] (Somalia) 1976 (disc by JJ Lavranos & R Bavazzano 1970),
 (Euphorbia) **multiclava** [w S Carter] (Somalia) 1974,
 (Euphorbia) **petricola** [w S Carter] (Kenya) 1982 (disc by GF Scott-Elliott 1893),

(Euphorbia) **pseudoburuana** [w S Carter] (Kenya, Tanzania) 1982 (disc by PRO Bally 1938),
 (Euphorbia) **reclinata** [w S Carter] (Tanzania) 1985,
 (Euphorbia) **reptans** [w S Carter] (Somalia) 1977,
 (Euphorbia) **samburuensis** [w S Carter] (Kenya) 1982 (disc by G Adamson 1940),
 (Euphorbia) **saxorum** [w S Carter] (Kenya) 1974 (disc by RO Hennings 1952),
 (Euphorbia) **septentrionalis** [w S Carter] (Uganda, Kenya) 1974 (disc by (Mr) Hudson 1939),
 (Euphorbia) **sepulta** [w S Carter] (Somalia) 1976 (disc by PRO Bally 1956),
 (Euphorbia) **subscandens** [w S Carter] (Kenya) 1982 (disc by J Adamson 1946),
 (Euphorbia) **tanaensis** (Kenya) 1974 (disc by PJ Greenway 1957),
 (Huernia) **erinacea** (Kenya to Ethiopia) 1956,
 (Lithocaulon) **cubiforme** (Somalia) 1959 (disc by him 1959) —> **Pseudolithos cubiformis** by
 PRO Bally 1965,

(Lithocaulon) **sphaericum** 1959,
 (Monadenium) **angolense** (Angola) 1961 (disc by JG Williams 1957),
 (Monadenium) **arborescens** (Tanzania) 1959 (disc by WV Harris 1943),
 (Monadenium) **capitatum** (Tanzania) 1959 (disc by GW St Clair-Thompson 1932),
 (Monadenium) **discoideum** (Zambia) 1959 (disc by AW Cruse 1948),
 (Monadenium) **filiforme** (Zambia, Zaire) 1987,
 (Monadenium) **globosum** [w S Carter] (Tanzania) 1987,
 (Monadenium) **gracile** (Tanzania) 1959 (disc by BD Burt 1931),
 (Monadenium) **hirsutum** (Zambia) 1959 (disc by EG Walter 1931),
 (Monadenium) **montanum** (Kenya, Tanzania) 1959 (disc by him 1939),
 (Monadenium) **nervosum** (Zambia, Zaire, Tanzania) 1959 (disc by MAE Richards 1954),
 (Monadenium) **nudicaule** (Tanzania) 1959 (disc by J Adamson 1942),
 (Monadenium) **orobanchoides** (Tanzania, Zambia, Malawi) 1959 (disc by H Geiling 1932),
 (Monadenium) **petiolatum** (Tanzania) 1959 (disc by BD Burt 1932),
 (Monadenium) **pseudoracemosum** (Tanzania, Zambia) 1959 (disc by AA Bullock 1950),
 (Monadenium) **pubibundum** (Zambia) 1959,
 (Monadenium) **rhizophorum** (Kenya) 1959 (disc by CG MacArthur 1940),
 (Monadenium) **ritchiei** (Kenya) 1959 (disc by ATA Ritchie 1939 & nah),
 (Monadenium) **stellatum** (Somalia, Ethiopia) 1959 (disc by D Riva 1894),
 (Monadenium) **trinerve** (Kenya) 1959 (disc by RM Graham 1932),
 (Monadenium) **virgatum** (Kenya) 1961 (disc by PJ Greenway & ? Rawlins 1957),
 (Monadenium) **yattanum** (Kenya) 1959 (disc by GA Classen 1953),
 (Pseudolithos) **horwoodii** [w JJ Lavranos] (Somalia) 1974 (disc by FK Horwood 1973 & nah),
 (Pseudolithos) **sphaericus** 1965,
 (Rhytidocaulon) **paradoxum** (Kenya, Ethiopia, Somalia) 1963,
 (Rhytidocaulon) **subscandens** (Somalia, Ethiopia) 1963,
 (Sansevieria) **pinguicula** (Kenya) 1964,
 (Senecio) **implexus** (Kenya, Tanzania) 1962,
 (Senecio) **picticaulis** (Kenya, Tanzania, Sudan, Ethiopia) 1964,
 (Stapelia) **prognatha** (Somalia) 1963 —> **Orbea prognatha** by LC Leach 1975;

transfer species:

"Caralluma montana" (RA Dyer & EA Bruce 1947) —> **Echidnopsis montana** 1964,
 "Ceropegia squamulata" (J Decaisne 1838) —> **Echidnopsis squamulata** 1963,
 "Euphorbia adenensis" (A Deflers 1887) —> **Euphorbia balsamifera** ssp **adenensis** 1974,
 "Stenadenium spinescens" (FA Pax 1901) —> **Monadenium spinescens** 1959,
 "Whitesloanea migiurtina" (E Chiovenda 1937) —> **Pseudolithos migiurtinus** 1975;

desc subsp:

(Caralluma dicapuae ssp) **ukambensis** (Kenya) 1969 —> **Caralluma turneri** ssp **ukambensis** by

LE Newton 1998,

(*Caralluma gracilipes* ssp) **arachnoidea** (Ethiopia, Kenya, Uganda, Tanzania) 1969 —> **Caralluma arachnoidea** by MG Gilbert 1977,

(*Caralluma gracilipes* ssp) **breviloba** (Ethiopia, Kenya) 1969 —> **Caralluma arachnoidea** var **breviloba** by MG Gilbert 1977;

desc variety:

(*Aloe rigens* var) **glabrescens** [w GW Reynolds] (Somalia) 1958 —> **Aloe glabrescens** by S Carter & PE Brandham 1983,

(*Aloe somaliensis* var) **marmorata** [w GW Reynolds] (Somalia) 1964,

(*Euphorbia tenuispinosa* var) **robusta** [w S Carter] (Kenya) 1987,

(*Huernia keniensis* var) **grandiflora** (Kenya) 1967,

(*Monadenium heteropodum* var) **formosum** (Tanzania) 1987,

(*Monadenium invenustum* var) **angustum** (Kenya) 1959 (disc by him 1938),

(*Monadenium letestuanum* var) **rotundifolium** (Central African Rep) 1959 (disc by GMP le Testu 1922),

(*Monadenium montanum* var) **rubellum** (Kenya) 1959 (disc by PE Glover 1954) —> **Monadenium rubellum** by S Carter 1987,

(*Monadenium orobanchoides* var) **calycinum** (Angola) 1961 (disc by HG Faulkner 1940),

(*Monadenium pseudoracemosum* var) **lorifolium** (Zambia) 1959 (disc by HM Richards 1955),

(*Monadenium rhizophorum* var) **stoloniferum** (Kenya) 1961 (disc by WHH Rauh 1960)

—> **Monadenium stoloniferum** by IS Carter 1987,

(*Monadenium yattatum* var) **gladiatum** (Tanzania) 1959 —> **Monadenium gladiatum** by S Carter 1987;

desc form:

(*Monadenium ellenbeckii* fa) **caulopodium** (Ethiopia) 1959 (disc by G Cufodontis 1937),

(*Monadenium stapelioides* fa) **congestum** (Tanzania, Kenya, Uganda) 1959 (disc by him 1944)

—> **Monadenium stapelioides** var **congestum** by S Carter 1987.



† **Balmis**, (Dr med) Francisco Javier [Xavier] de (2 Dec 1753–12 Feb 1819); Spanish physician, army surgeon & naturalist; MD at Univ of Valencia, Spain 1775; to Mex as dir of Amor de Dios Hospital 1778–c80; interested in medicinal plants; lead Balmis Expedition to Canary Islands, Colombia, Ecuador, Peru, Mex, Philippines & China 1803–06 w new vaccine to treat millions for smallpox; returned to Mex 1810, then back to Spain;

Book [1797] *Über die Amerikanischen Pflanzen Agave und Begonia* Leipzig, Ger; 151p.

Baltimore Cactus Journal; first monthly US cactus journal, pub by Baltimore Cactus Soc w AM Cordray, editor, & FW Lantz, publisher;

Book [1894–96] *Baltimore Cactus Journal* Baltimore, Maryland; Eng; 22 issues w 298p;

[1894–95] July No. 1 – June No. 12;

[1895–96] July No. 1 – April No. 10.

Balvino, [Balvino Camposeco,] José M;

Book [1994] *El Maguey y sus usos en Guatemala* = "The Maguey and its uses in Guatemala" Rancho Palos Verdes, Calif; 54p.

Balzer, (Dr) George;

Book [1949] *Goethes Bryophyllum. Ein Beitrag zu seiner Pflanzenmorphologie* Berlin, Ger; 88p.

Balzer, Heinz; Ger manufacturer; IOS member 1963;

Book [1963] *Kakteen Unser Hobby* [w W Cullmann] Stuttgart, Ger; Ger; 172p w 15 color photos,
[1971] *Das Heyne-Kakteenbuch* [w W Cullmann] Munich, Ger; Ger; 156p.

Bana, [Banà,] R; Madagascan forester; forester w Water & Forests Dept at Ampanihy, Mada;
species nah:

(Euphorbia) **banae** (Mada) (desc & nah by WHH Rauh 1993 & disc by WHH Rauh 1959).



Banares, [Bañares, Banares Baudet,] (Prof) (Dr) Angel (2 Oct 1954–); {Banares}; Canary Islands botanist, taxonomist, mycologist & conservation biologist; prof at Universidad de la Laguna, Tenerife, Canary Islands; specialist in Crassulaceae;

desc species:

(Aeonium) **appendiculatum** (Canary Islands) 1999.

Band, Elfter;

Book [1929] *Das Kakteenbuch, Bücher der Gartenschönheit*; Ger; 201p.

† **Bang**, Miguel (1853–1895); Danish clergyman & gardener trained at Kew; to Bolivia 1883; curator of Municipal Parks in Cochabamba; collected mostly orchids in Bolivia 1889–94; sent plants to NL Britton & HH Rusby;

disc species:

(Hariota [Hatoria]) **boliviana** (Bolivia) 1890 (desc by NL Britton 1893) —> **Pfeiffera boliviana** by DR Hunt 2002.



† **Banks**, (Dr) (Sir) Joseph (13 Feb 1743–19 Jun 1820); {Banks}; British baronet, wealthy patron of sciences, naturalist, traveler, philanthropist & scientist; PhD at Oxford Univ, Eng 1771; as naturalist he funded & sailed w DC Solander (as botanist) on Capt James Cook (1728–1779) voyage on ship *Endeavor* around world 1768–71; first dir of Royal Bot Gardens at Kew 1773; FRS 1766 & pres of Royal Soc 1778~; one of founders (w JE Smith) of Linnaean Soc of London 1788; instrumental in building up Kew bot gardens after being appointed manager of the gardens by King George III; encouraged collectors to discover new species of plants and bring them to Kew; his books, herbarium of 23,400 species & correspondence went to R Brown 1820 & then to The Natural History Museum in London, Eng 1827; knighted 1781; founded Horticultural Soc 1804; spouse Dorothea [née Hugessen] Banks (c1758–1828);

disc species:

(Myrmecodia) **beccarii** [w DC Solander] (Australia) 1770 (desc by JD Hooker 1886 & na O Beccari).



Banks, Leo W; US journalist in Arizona; MS in journalism at Univ of Arizona & journalist there;
Book [2009] *All About Saguaro*; Eng; 96p; (Arizona Highways Paperback Book).



Baptista, Obet José (1983–); Mozambique field assistant to plant explorers;

desc species:

(Aloe) **ribauensis** [w AJH Rulken & TA McCoy] (Mozambique) 2014 (disc by TA McCoy 2013).



† **Barad**, (Dr med) Gerald [Jerry] Samuel (22 Mar 1923–16 Jan 2016); {Barad}; US physician, gynecologist, horticulturist, botanist, photographer & lecturer in New Jersey; held annual picnic for c&s friends 1957–2014; explored in US, Mex, Kenya, Canary Islands, RSA, India, Namibia, Somalia, Togo, Sudan, Western Australia & Mada; researched on mechanisms of pollination in Stapeliads;

IOS member 1980; CSSA Fellow award 1981 & pres 1990–93; CSSA Special Service award 1995; spouse Beatrice [**Bea**] Mariam [née Krival] Barad (–18 Aug 2014);

species nah:

(Caralluma) **baradii** (Somalia) (desc & nah by JJ Lavranos 1993),
(Euphorbia) **baradii** (Somalia) (desc & nah by S Carter 1992),
(Huernia) **baradii** (Yemen) (desc & nah by DCH Plowes 2014);

disc species:

(Conophytum) **klingshardense** [w JJ Lavranos] (Namibia) 1977 (desc by R Rawe 1981),
(Rhytidocaulon) **richardianum** (Somalia) 1986 (desc by JJ Lavranos 1991 & na Richard Barad),
(Tylecodon) **aurusbergensis** [w JJ Lavranos & LE Newton] (Namibia) 1978 (desc by G Williamson & EJ van Jaarsveld 1993);

disc subsp:

(Conophytum hirtum ssp) **baradii** [w JJ Lavranos] (Namibia) 1977 (desc by R Rawe 1981 & na GS Barad)
—> **Conophytum klingshardense** ssp **baradii** by SA Hammer 1993;

variety nah:

(Caralluma sinaica var) **baradii** (Yemen) (desc & nah by JJ Lavranos & LE Newton 1979 & disc by both 1977),
(Conophytum hirtum var) **baradii** (Namibia) (desc & nah by R Rawe 1981) —> **Conophytum klingshardense** ssp **baradii** by SA Hammer 1993.

† **Barad**, (Dr med) Richard (1952–1985); US physician; father GS Barad;

species nah:

(Rhytidocaulon) **richardianum** (Somalia) (desc by JJ Lavranos 1991 & disc by GS Barad 1986).

Barba, Raphaël;

Book [1912] *Culture, Commerce et Industrie du Henequen (Agave) au Yucatan (Mexique)* Paris; French; 52p.

Barber, JT; British horticulturist & nurseryman; specialized in epiphytic cacti;

Book [1959] *Epiphyllums, Phyllocactus & hybrids* Cheshire, Eng; Eng; 18p; (descriptive catalogue of plants for sale).



† **Barber**, [née Bowker,] Mary **Elizabeth** (5 Jan 1818–4 Sep 1899); British to RSA 1820; self-taught naturalist, artist & writer in RSA; studied birds, reptiles & plants; corresponded w leading scientists of that time, sending them specimens & drawings; painted succ Asclepiads; member of Linnean Soc; brother JH Bowker; spouse Frederick Wm Barber

(20 May 1813–2 Jan 1892);

species nah:

(Aloe) **barberae** (Mozambique, Natal, Swaziland) (desc & nah by WT Thiselton-Dyer 1874),
(Brachystelma) **barberae** (Eastern Cape, Natal, Mpumalanga, Limpopo, Botswana, Zimbabwe) (desc & nah by JD Hooker 1866),
(Iboza) **barberae** (Eastern Cape) (desc & nah by NE Brown 1910) —> **Tetradenia barberae** by LEW Codd 1983;

disc species:

(Ceropegia) **bowkeri** (Eastern Cape) (desc & nah by WH Harvey 1859 & na JH Bowker);
(Ceropegia) **tomentosa** [w JH Bowker] (Eastern Cape, Natal) (desc by FRR Schlechter 1894),
(Stapelia) **glabricaulis** (Eastern Cape) (desc by NE Brown 1890),
(Stapelia) **jucunda** [w CE Pillans] (Northern Cape, Western Cape, Free State, Namibia) (desc by

NE Brown 1909) —> **Tridentea jucunda** by LC Leach 1978.

† **Barbey**, Wm (14 Jul 1842–18 Nov 1914); Swiss philanthropist & botanist in Geneva; spouse Caroline [née Bioissier] Barbey (4 Aug 1847–18 Jan 1918), whose father was PE Boissier;

species nah:

(Cotyledon) **barbeyi** (Tropical Africa, sw Arabian Peninsula) (desc & nah by JG Baker 1893 & disc by GA Schweinfurth),

(Sedum) **barbeyi** (China) (desc & nah by Raymond-Hamet 1909).

† **Barbosa Rodrigues**, João (22 Jun 1842–6 Mar 1909); {Barb.Rodr.}; Brazilian botanist, anthropologist & bot artist; specialized in orchids & palms; dir of Manaus bot museum 1883–89 & of bot garden in Rio de Janeiro 1889~; collected in Brazil 1868–97;

desc species:

(Malacocarpus) **heptacanthus** (Brazil) 1898 —> **Discocactus heptacanthus** by NL Britton & JN Rose 1922.



Barcenas, [Bárcenas, Bárcenas Luna, Bárcenas Moon,] (Dr) Rolando Tenoch 1966; {Barcenas}; Mex biologist; PhD at Univ of Reading, UK 2004; prof at Autonomous Univ of Querétaro, College of Natural Sciences, Juriquilla, Querétaro, Mex; biologist at Natl Autonomous Univ of Mex;

desc species:

(Opuntia) **xandersonii** [w C Gomez-Hinostrosa & HM Hernandez] (San Luis Potosi) 2003 (disc by them 2000).

† **Barclay**, Dorothy (1892–1940); RSA bot artist & illustrator at Bolus Herbarium;

Book [1925] *A Book of S African Flowers* [w HML Bolus & EJ Steer] Cape Town, RSA; Eng; 174p; (paintings by D Barclay),

[1936] *A Second Book of S African Flowers* [w HML Bolus, text & EJ Steer, photos] Cape Town; Eng; 214p.



Barcroft, Alasdair; British agricultural economist & *Aloe vera* businessman; BSc in agricultural economics at Newcastle Univ, UK; owner of "Aloe Vera Centre" n London; explored around world where *Aloe vera* is grown;

Book [1996] *Aloe vera (Natures Legendary Healer)* London, Eng; Eng; 128p,

[1997] *Aloe vera. Remède Naturel de Légende*; 136p.



Bardot-Yaucoulon, Martine (26 Jan 1948–); {Bard.-Vauc.}; French school teacher; collected in Mada 1989–91;

species nah:

(Euphorbia) **martinae** (Mada) (desc & nah by WHH Rauh 1999);

desc species:

(Adenia) **lapiazicola** (Mada) 1997,

(Euphorbia) **ambarivatoensis** [w WHH Rauh] (Mada) 1999,

(Euphorbia) **labatii** [w WHH Rauh] (Mada) 1999 (na J-N Labat).



† **Barker**, Winsome Fanny (**Buddy**) (23 Sep 1907–27 Dec 1994); {W.F.Barker}; RSA botanist; BSc at Rhodes Univ College 1928; awarded Capt Scott Memorial Medals for botany & zoology 1928; bot assistant at Natl Bot Gardens 1933; curator of Compton Herbarium, Kirstenbosch, RSA 1935–72; published primarily on taxonomy of S African *Haemodoraceae*, *Liliaceae* &

Amaryllidaceae;

species nah:

(*Drosanthemum*) **barkerae** (Western Cape) (desc & nah by HML Bolus 1932);

desc species:

(*Brunsvigia*) **herrei** (Northern Cape) 1963 (na AGJ Herre),

(*Cotyledon*) **hirtifolia** (Northern Cape) 1938 (disc by AGJ Herre) —> **Tylecodon hirtifolius** by HR Tolken 1978,

(*Cotyledon*) **pygmaea** (Western Cape) 1930 (disc by Vigne) —> **Tylecodon pygmaeus** by HR Tolken 1978,

(*Haworthia*) **blackburniae** (Western Cape) 1937 (disc by H Blackburn 1935 & nah),

(*Haworthia*) **wittebergensis** (Western Cape) 1942,

(*Ornithogalum*) **naviculum** (Western Cape) 1978;

disc subsp:

(*Conophytum rugosum* ssp) **sanguineum** (Cape) 1950 (desc by SA Hammer 1990) —> **Conophytum roodiae** ssp **sanguineum** by TC Smale 2000.



† **Barker-Webb**, (Prof) Philip 10 Jul 1793–31 Aug 1854); {Webb}; wealthy British naturalist, botanist & geologist; BA at Oxford Univ 1815; collected in Madeira Islands & Canary Islands w S Berthelot 1828–30; worked w S Berthelot on fauna of Canary Islands; had large herbarium of 300,000 specimens & library of 5,000 volumes; FLS 1818; FRS 1824;

Book [1836–1850] *L'Histoire Naturelle des Îles Canaries* [w S Berthelot] Paris, France; (in 2 parts);

[1836–1841] Part 1; 220p;

[1842–1850] Part 2; 596p;

desc genera:

Aeonium* (Canary Islands, Morocco, Ethiopia, Somalia, Kenya, Tanzania, Uganda, Cape Verde Islands, Madeira Islands, Yemen) 1840,

Aichryson* (Canary Islands, Madeira Islands & Azores Islands) 1840,

Greenovia* (Canary Islands) 1841;

*w S Berthelot

desc species:

(*Aeonium*) **balsamiferum*** (Canary Islands) 1840,

(*Aeonium*) **ciliatum*** (Canary Islands) 1841,

(*Aeonium*) **cuneatum*** (Canary Islands) 1841,

(*Aeonium*) **goochiae*** (Canary Islands) 1840 (na (Mrs) Webb),

(*Aeonium*) **haworthii*** (Canary Islands) 1840 (na AH Haworth) —> **Sempervivum haworthii** by KHH Christ 1888,

(*Aeonium*) **lindleyi*** (Canary Islands) 1840 (na J Lindley),

(*Aeonium*) **undulatum*** (Canary Islands) 1841,

(*Euphorbia*) **regis-jubae*** (Canary Islands) 1846 (na King Juba II),

(*Euphorbia*) **tuckeyana** (Cape Verde Islands) 1849 (na JK Tuckey),

(*Greenovia*) **diplocycla** (Hierro, Palma, Gomera in Canary Islands),

(*Petrophytes*) **brachycaulos*** (Canary Islands) 1841 —> **Monanthes brachycaulos** by RT Lowe 1869,

(*Umbilicus*) **heylandianus*** (Portugal, Spain, Canary Islands) 1840,

(*Zygophyllum*) **fontanesii*** (Canary Islands) 1836;

*w S Berthelot

transfer species:

"*Sempervivum arboreum*" (C Linnaeus 1753) —> **Aeonium arboretum*** 1840,

"*Sempervivum canariense*" (C Linnaeus 1753) —> **Aeonium canariense*** 1841,

"Sempervivum glandulosum" (W Aiton 1789) —> **Aeonium glandulosum*** 1840,
 "Sempervivum glutinosum" (W Aiton 1789) —> **Aeonium glutinosum*** 1840,
 "Sempervivum punctatum" (JHF Link 1828) —> **Aichryson punctatum*** 1840,
 "Sempervivum smithii" (J Sims 1818) —> **Aeonium smithii*** 1840,
 "Sempervivum tabuliforme" (AH Haworth 1819) —> **Aeonium tabuliforme*** 1840,
 "Sempervivum tortuosum" (W Aiton 1789) —> **Aichryson tortuosum*** 1840,
 "Sempervivum urbicum" (JW Hornemann 1819) —> **Aeonium urbicum*** 1841,
 "Sempervivum tortuosum" (W Aiton 1789) —> **Aichryson tortuosum*** 1840;
 *w S Berthelot

disc variety:

(*Caralluma europaea* var) **confusa** (Spain) 1826 (desc by P Font Quer 1924).



† **Barkhuizen**, (Dr) Barend [Ben] Petrus (6 Aug 1921–23 Sep 1995); RSA horticulturist & naturalist; Doctor of Education at Univ of S Africa 1968; taught in Transvaal schools 1942–67; lecturer & prof at Univ of S Africa 1968–79; had large collection of succ from s Africa; spouse Jacomina Margaretha

[née van Wyk de Jager] Barkhuizen (6 Oct 1921–26 Sep 2003);

Book [1978] *The Succ of Southern Africa: w Specific Reference to the Succ Families Found in the RSA & SW Africa* Cape Town, RSA; Eng; 222p w 48 plates.



† **Barkly**, (Sir) Henry (24 Feb 1815–21 Oct 1898); Scottish colonial administrator & naturalist; Governor of Cape 1870–77; collected plants sent to Kew; interested in Stapeliads; (Miss) Emily Blanche Barkly (1850–1915), daughter by first spouse, drew plants for him & sent to Kew along w his collected plants; 25 of their illustrations of Stapelieae pub by NE Brown 1890; FRS 1864; Royal Geographical Soc Fellow 1870; first spouse Lady Elizabeth Helen [née Timmins] Barkly (–1857); second spouse Lady Anne Maria [née Pratt] Barkly (1837–Sep 1932);

species nah:

(*Crassula*) **barklyi** (Northern Cape, Western Cape) (desc & nah by NE Brown 1906),
 (*Decabelone*) **barklyi** (Cape, Transvaal, Free State, Zimbabwe, Namibia, Angola) (desc by WT Thiselton-Dyer 1875 & disc by MHK Lichtenstein 1805) —> **Tavaresia barklyi** by NE Brown 1904,
 (*Hoodia*) **barklyi** (Cape) (desc & nah by WT Thiselton-Dyer 1876 & disc by Mr Lycett 1873),
 (*Pelargonium*) **barklyi** (Northern Cape) (desc & nah by GF Scott-Elliot 1891);

disc species:

(*Aloe*) **rupestris** (Mozambique, Swaziland, Natal) 1878 (desc by JG Baker 1896);

subsp nah:

(*Ceropegia africana* ssp) **barklyi** (Eastern Cape) (desc & nah by PV Bruyns 1985 & disc by H Barkly 1877).



† **Barnard**, (Dr) Keppel Harcourt (31 Mar 1887–22 Sep 1964); British to RSA 1911; marine biologist & zoologist; worked at S African Museum, Cape Town, RSA 1911~; DSc at Univ of Cape Town 1924; honorary doctorate from Univ of Stellenbosch, RSA 1956; collected in Western Cape, Natal, Mozambique & Namibia; spouse Alice [née Watkins] Barnard;

species nah:

(*Ruschia*) **barnardii** (Namaq) (desc & nah by HML Bolus 1928).



† **Barnard**, Wm George (14 Sep 1907–27 Sep 1980); RSA veterinarian in East Griqualand (RSA), Swaziland, Tanganyika, Natal, RSA during his lifetime; qualified as a veterinarian 1932: plant collector in Sekukuniland, RSA (at times w AOD Mogg); spouse Marie [née Pringle] Barnard;
disc species:

(Euphorbia) **barnardii** (Mpumalanga) 1935 (desc & nah by AC White, BL Sloane & RA Dyer 1941).

Barneoud, [Barnéoud,] François Marius (15 Jan 1821–); {Barnéoud}; French geologist & botanist; collected in Chile;

desc species:

(Calandrinia) **coquimbensis** (Chile) 1847 → **Cistanthe coquimbensis** by MA Herskovitz 1991,
 (Calandrinia) **densiflora** (Chile, Argentina) 1847 → **Cistanthe densiflora** by MA Herskovitz 1991,
 (Calandrinia) **fenzlii** (Chile) 1847 (na E Fenzl) → **Cistanthe fenzlii** by MA Herskovitz 1991,
 (Calandrinia) **frigida** (Chile, Argentina) 1847 → **Cistanthe frigida** by S Peralta 1994,
 (Calandrinia) **longiscapa** (Chile) 1847 → **Cistanthe longiscapa** by MA Herskovitz 1991,
 (Calandrinia) **salsoloides** (Chile, Argentina) 1847 → **Cistanthe salsoloides** by MA Herskovitz 1990,
 (Oxalis) **gigantea** (Chile) 1846,
 (Oxalis) **succulenta** (Chile) 1846,
 (Tetragonia) **angustifolium** (Chile) 1847,
 (Tetragonia) **maritima** (Chile) 1847.



† **Barnhart**, (Dr med) John Hendley (4 Oct 1871–11 Nov 1949); {Barnhart}; US botanist, biographer & bibliographer; MA in biology at Wesleyan Univ, Middletown, Connecticut 1894; MD at Columbia Univ, NYC 1896; member of Torrey Bot Club 1891~ & pres 1937; editorial assistant at NY Bot Garden 1903~ & librarian 1907~; bibliographer 1913~; spouse Emma Gertrude [née Platt]

Barnhart;

species nah:

(Euphorbia) **barnhartii** (India, Thailand) (desc & nah by LCM Croizat 1934).



Barnhill, Christopher Mattingly (15 Jul 1969–); {Barnhill}; US photographer & horticulturalist; worked with SA Hammer in Belen, New Mex, & explored w him in RSA 1996; manages nursery at Fullerton Arboretum in s Calif;

disc species:

(Conophytum) **chrisocruxum** (Namaq) 1996 (desc & nah by SA Hammer 1997),
 (Tylecodon) **cordiformis** [w SA Hammer] (Namaq) 1966 (desc by G Williamson 1998);

desc species:

(Conophytum) **irmae** [w SA Hammer] (Namaq) 1997 (disc by I Burger, CM Barnhill & SA Hammer 1996 & na Irma Burger);

disc subsp:

(Conophytum tantillum ssp) **amicorum** [w D Tribble, C Rodgers & SA Hammer] (Namaq) 1996 (desc by CM Barnhill & SA Hammer 1997);

desc subsp:

(Conophytum devium ssp) **stiriferum** [w SA Hammer] (Namaq) 1997 (disc by MB Bayer & SA Hammer 1987).

Barocio, [Barocio de las Fuentes,] Ileana (fl. 1973); {Barocio}; Mex; worked at UNAM;
Book [1963] *Contribución al Conocimiento de las Crasuláceas del Valle de Mex*; 94p;

desc species:

(Sedum) **batallae** (Hidalgo) 1973 (na MA Batalla Zepeda).



† **Baron**, (Rev) Richard (8 Sep 1847–12 Oct 1907); {R.Baron}; British missionary, naturalist, geologist & botanist; ordained 1872; missionary to Mada 1872~; collected plants in Mada 1880 to 1896; sent more than 7,000 plants to Kew of which 1,000 were new species; FLS 1882; first spouse Catherine [née Willey] (–1873), second Mary Selina [née Jenkinson] (–1878), third Annie [née Pumphrey] (–1898) & fourth Edith [née Condie] Baron;

species nah:

(Senecio) **baronii** (Mada) (desc & nah by J-H Humbert 1963),
(Senecio) **barorum** (Mada) (desc & nah & his family by J-H Humbert 1923);

disc species:

(Aloe) **deltoideodonta** (Mada) early 1880s (desc by JG Baker 1883),
(Aloe) **macroclada** (Mada) 1882 (desc by JG Baker 1883),
(Kalanchoe) **pumila** (Mada) (desc by JG Baker 1883),
(Pachypodium) **baronii** (Mada) c1880 (desc & nah by JN Costantin & D Bois 1907),
(Pachypodium) **brevicaule** (Mada) c1880 (desc by JG Baker 1887),
(Pachypodium) **densiflorum** (Mada) c1880 (desc by JG Baker 1886),
(Pachypodium) **rosulatum** (Mada) c1880 (desc by JG Baker 1882),
(Rhipsalis) **horrida** (Mada) 1882 (desc by JG Baker 1884) —> **Rhipsalis baccifera** ssp **horrida** by

WA Barthlott 1987.



† **Barr**, Claude Arno [Arnold] (27 Aug 1887–21 Jul 1982); South Dakota cattle rancher & nurseryman; AB in Eng, Greek & public speaking at Drake Univ, Des Moines, Iowa 1914; owned nursery at his Prairie Gem Ranch (started out as a homestead in 1910) 1935–65; recognized for his extensive work with wild flowers of the Great Plains region, especially hardy cacti; hybridized

Opuntia species; first spouse Kate Dean Barr (–c1919); second spouse Jeannette Barr (–1962);

Book [1983] *Jewels of the Plains: Wildflowers of the Great Plains, Grasslands and Hills* Minneapolis, Minnesota; Eng; 226p 119 color photos.

Barratt, Percy;

Book [1968] C&S [w A Burke] Melbourne, Australia; Eng; 43p + 4 plates.

Barraza, Manuel Fred (21 Feb 1955–); US illustrator in New Mex; BS in fine arts at Western New Mex Univ, Silver City, NM;

Book [1997] *The Cactus Wren & the Cholla* [w V Chellew Garcia] Tucson, Arizona; Eng; 32p; (juvenile book).



† **Barrett-Hamilton**, (Major) Gerald Edwin Hamilton (18 May 1871–17 Jan 1914); Irish zoologist & marine biologist; served in S African war 1901 w Royal Irish Rifles; collected in Free State, Transvaal & Griqualand West;

disc species:

(Brachystelma) **praelongum** (Natal, Lesotho, Western Cape, Free State) 1902 (desc by SLM Moore).

Barrios, Virginia Bottorff de; US journalist & publisher; BA in Latin Amer studies at Univ of Calif, Berkeley 1944; to Mex 1944–51 & 1956~;

Book [1971] *A Guide to Tequila, Mezcal & Pulque* Mex City; Eng; 64p.

Barros, Christina;

Book [1998] *El Maravilloso Nopal* [w M Buenrostro] Hidalgo, Mex; Spanish; 243p.

Barschus, Hans;

Book [1954] *Kakteen ihre Anzucht und Pflüge* = "Cactus: Their Rearing & Care" Minden, Ger; Ger; 64p + 26 plates.

Bartel, Jim Alan (fl. 1983); {Bartel}; US assistant field supervisor at Dept of Interior Fish and Wildlife Ecological Services, Carlsbad & Sacramento, Calif;

desc species:

(Dudleya) **calcicola** [w JR Shevock] (Calif) 1983 (disc by CA Purpus 1897);

transfer species:

"Dudleya bettinae" (desc by RF Hoover 1965) —> **Dudleya abramsii ssp bettinae** 1991,

"Dudleya parva" (JN Rose & A Davidson 1923) —> **Dudleya abramsii ssp parva** 1991;

desc subsp:

(Dudleya cymosa ssp) **costafolia** [w JR Shevock] (Calif) 1990.

Barthelow, Benjamin Grady (6 Feb 1878–18 Aug 1920); US; captain of US Steamer *Albatross*; explored w JN Rose in Lower Calif in 1911;

species nah:

(Echinocereus) **barthelowanus** (Magdalena Island near Santa Maria Bay, Baja Calif Sur) (desc & nah by NL Britton & JN Rose 1920 & disc by JN Rose 1911 while on cruise w B Barthelow).



Barthlott, (Prof) (Dr) **Wilhelm** Arthur (22 Jun 1946–); {Barthlott}; Ger botanist & specialist in Cactaceae; MS thesis 'On the Geographical Distribution of Rhipsalis in the Paleotropics' 1971; PhD thesis *Biogeography & Evolution of the Paleotropical Rhipsalis* at Univ of Heidelberg, Ger (student of WHH Rauh) 1972; structural research w scanning electron microscope (SEM) 1972~; prof of systematic botany & plant geography at Univ of Heidelberg 1974–82 & at Freie Univ in

Berlin-Dahlem, Ger 1982–85; prof of botany at Botanisches Institut und Botanischer Garten der Universität Bonn, Ger 1985~; cactus, orchid & bromeliad research in Ecuador, Peru, Galapagos Islands & Brazil; primary research in cactus is on Rhipsalis; pres of DKG 1991–95; IOS member 1976 & VP 1989–92; CSSA Fellow award 1983; Monaco Cactus d'Or award 2002;

Book [1973] *Mikromorphologie der Cactaceen-Dornen* [w R Schill & N Ehler]; Ger w brief Eng summary; 23p,

[1973] *Rasterelektronen-mikroskopische Untersuchungen an Cacteen* [w R Schill, N Ehler & WHH Rauh]; Ger; 14p,

[1974] *Der Rhipsalis Micrantha (HBK) DC-Komplex in Ecuador und Peru* Wiesbaden, Ger; Ger; 28p; (from Ger journal),

[1977] *Kakteen* Stuttgart, Ger; Ger; 212p w 115 color photos; (1978 French version; *Les Cactées* Paris, France; 212p); (1979 Eng version; *Cacti* Cheltenham, Eng; 264p),

[1978] *Cacteen, Sorten, Herkunft, Verzorging* Wageningen, Netherlands; Dutch; 212p,

[1979] *Cacti: Bot Aspects, Desc & Cultivation* Cheltenham, Eng; translated into Eng by Lois Glass; 249p; (originally in Ger 1977),

[2000] *Seed-diversity in the Cactaceae subfam. Cactoideae* [w DR Hunt] Sherborne, Eng; Eng; 173p w 688 photos;

desc species:

(Peperomia) **graveolens** [w WHH Rauh] (Peru) 1975,

(Pfeiffera) **miyagawae** [w WHH Rauh] (La Paz) 1987 (disc by M Miyagawa 1974 & nah),
 (Rhipsalis) **ewaldiana** [w NP Taylor] (Rio de Janeiro) 1995 (na E Ewald),
 (Rhipsalis) **hoelleri** [w NP Taylor] (Espirito Santo) 1995 (disc by B Orssich 1987 & na W Holler),
 (Rhipsalis) **juengeri** [w NP Taylor] (Minas Gerais, Sao Paulo) 1995 (na E Junger),
 (Rhipsalis) **occidentalis** (Ecuador, Peru, Suriname) 1987,
 (Schlumbergera) **orssichiana** [w AJS McMillan] (Rio de Janeiro) 1978 (disc by B Orssich & nah);

transfer species:

“Cactus flagelliformis” (C Linnaeus 1753) —> **Disocactus flagelliformis** 1991,
 “Cactus phyllanthoides” (AP de Candolle 1813) —> **Disocactus phyllanthoides** 1991,
 “Cactus speciosus” (AJ Cavanilles 1803) —> **Disocactus speciosus** 1991,
 “Cereus lumbricoides” (AC Lemaire 1839) —> **Lepismium lumbricoides** 1987,
 “Cereus martianus” (JG Zuccarini 1832) —> **Disocactus martianus** 1991;
 “Cereus ramulosus” (JMF Salm-Dyck 1834) —> **Pseudorhipsalis ramulosa** 1991,
 “Disocactus lankesteri” (MW Kimnach 1979) —> **Pseudorhipsalis lankesteri** 1991,
 “Epiphyllum ackermannii” (AH Haworth 1829) —> **Disocactus ackermannii** 1991,
 “Hariota herminiae” (P de Campos-Porto & A Castellanos 1941) —> **Hatiora herminiae** 1987,
 “Lobeira macedougallii” (EJ Alexander 1944) —> **Disocactus macedougallii** 1991,
 “Rhipsalis erythrocarpa” (KM Schumann 1895) —> **Rhipsalis baccifera** ssp **erythrocarpa** 1987,
 “Rhipsalis hohenauensis” (F Ritter 1979) —> **Rhipsalis floccosa** ssp **hohenauensis** [w NP Taylor] 1995,
 “Rhipsalis horrida” (JG Baker 1884) —> **Rhipsalis baccifera** ssp **horrida** 1987,
 “Rhipsalis houletiana” (AC Lemaire 1858) —> **Lepismium houletianum** 1987,
 “Rhipsalis incachacana” (M Cardenas 1952) —> **Lepismium incachacanum** by WA Barthlott 1987,
 “Rhipsalis lorentziana” (AHR Grisebach 1879) —> **Lepismium lorentzianum** 1987,
 “Rhipsalis pulvinigera” (GA Lindberg 1889) —> **Rhipsalis floccosa** ssp **pulvinigera** [w NP Taylor] 1995,
 “Rhipsalis pittieri” (NL Britton & JN Rose 1923) —> **Rhipsalis floccosa** ssp **pittieri** [w NP Taylor] 1995,
 “Rhipsalis rosea” (NG von Lagerheim 1912) —> **Hatiora rosea** 1987;
 “Rhipsalis shaferi” (NL Britton & JN Rose 1923) —> **Rhipsalis baccifera** ssp **shaferi** [w NP Taylor] 1995,
 “Rhipsalis tucumanensis” (FAC Weber 1892) —> **Rhipsalis floccosa** ssp **tucumanensis** [w NP Taylor]

1995,

“Rhipsalis warmingiana” (KM Schumann 1890) —> **Lepismium warmingianum** 1987;

desc subsp:

(Rhipsalis baccifera ssp) **cleistogama** [w PL Ibsch & M Kessler] (Bolivia) 2000 (disc by M Kessler 1997),
 (Rhipsalis baccifera ssp) **hileiabaiana** [w NP Taylor] (Bahia) 1995 (disc by JL Hage & HS Brito 1983),
 (Rhipsalis paradoxa ssp) **septentrionalis** [w NP Taylor] (Brazil) 1995;

transfer variety:

“Epiphyllum russellianum var gaertneri” (EA von Regel 1884) —> **Hatiora gaertneri** 1987,

“Hariota epiphyllodes var bradei” (PC Porto & A Castellanos 1941) —> **Hatiora epiphyllodes** ssp

bradei [w NP Taylor] 1995,

“Rhipsalis cassytha var mauritiana” (AP de Candolle 1828) —> **Rhipsalis baccifera** ssp **mauritiiana** 1987,

“Rhipsalis paradoxa var catenulate” (MW Kimnach 1992) —> **Rhipsalis pacheco-leonis** ssp **catenulata**

[w NP Taylor] 1995.

† **Bartram**, Edwin Bunting (28 Jul 1878–2 Dec 1964); {E.B.Bartram}; US botanist & bryologist; worked at Insulated Wire Co, Philadelphia prior to 1939; explored in eastern US and Arizona; member of # of clubs;

species nah:

(Graptopetalum) **bartramii** (Arizona, Chihuahua) (desc & nah by JN Rose 1926).

Bartrum, Douglas;

Book [1974] *Growing C&S* NYC, NY; Eng; 216p.



† **Bartsch**, (Prof) (Dr) Paul (14 Aug 1871–24 Apr 1960); Ger to US 1880; US naturalist, malacologist & carcinologist; PhD at State Univ of Iowa 1905 & honorary DSc at George Washington Univ, DC 1937; prof of animal history at Howard Univ, DC 1899–36 & of zoology at George Washington Univ 1900–45; curator of US National Museum at Smithsonian Institute 1914–46; explored & collected in Gulf of Calif, West Indies, Mex & Florida 1912–33; sent cacti to NL Britton & JN Rose;

genus nah:

Bartschella (desc & nah by NL Britton & JN Rose 1923) (syn of Mamm).



Bash, Barbara; US calligrapher, illustrator & teacher; writer of children books;

Book [1989] *Desert Giant (The World of the Saguaro Cactus)* San Francisco, Calif; Eng; 30p,

[1989] *Tree of Life (The World of the African Baobab)* San Francisco; Eng; 30p.



Bashan, (Dr) Yoav; US plant pathologist, entomologist, microbiologist; pres of The Bashan Foundation & the Bashan Institute of Science; involved w Environmental Microbiology at Northwestern Center for Biological Research in Mexico 1997~; PhD from Hebrew Univ of Jerusalem, Israel;

Book [1995] *The Decay of Cardon Cactus Populations in the State of Baja California Sur, Mexico* [w G Toledo] La Paz, Mex; Spanish; 58p.



Bassett, Carol Ann; Oregon writer, poet & journalist;

Book [2004] *Organ Pipe: Life on the Edge* Los Angeles, Calif; Eng; 89p; (w photographer Michael Hyatt).

Batalla Zepeda, (Dr) Maria Agustina (28 Aug 1913–15 Feb 2000); Mex botanist at Univ of Mex 30 yrs;

species nah:

(Sedum) **batallae** (Hidalgo) (desc & nah by I Barocio de las Fuentes 1973).

Batarda Fernandes, RMS — See **Fernandes**, RMS.



† **Bates**, Henry Walter (8 Feb 1825–16 Feb 1892); British entomologist, botanist & natural historian; collected insects in Brazil Amazon Basin 1848–59; pres of Entomological Soc of London 1868–69 & 1879; assistant secretary of Royal Geographical Soc 1864~; FLS 1871; FRS 1881; spouse Sarah Ann [née Mason] Bates;

species nah:

(Sedum) **batesii** (s Mex into Guatamala) (desc & nah by WB Hemsley 1878).



† **Bates**, John [Jack] Thomas (14 Jan 1884–23 Jul 1966); British trolley bus conductor in London, artist & horticulturist; specialized in Aloe, Haworthia & Mesemb plants; his plants formed basis of The Bates Collection w the Succ Plant Institute; spouse Lena Bates;

species nah:

- ° (Conophytum) **batesii** (desc & nah by NE Brown 1925),
(Gasteria) **batesiana** (Mpumalanga, Natal) (desc & nah by GD Rowley 1955),

Haworthia) **batesiana** (Western Cape, Eastern Cape) (desc & nah by AJA Uitewaal 1948) —> **Haworthia marumiana** var **batesiana** by MB Bayer 1999.

Bathie, Perrier de la — See **Perrier de la Bathie**, JM Henry A.

Batov, Sergei Gennadevich; Russian horticulturist; to Mex at Chihuahua City Univ, Mex;

Book [1998] *Ariokarpusy (Ariocarpus)* Moscow, Russia; Russian; 33p,

[2001] *Kultura Kaktusov* = "Cactus Culture" Moscow; Russian; 427p,

[2001] *Kaktusy es roda Lophophora* Coult. 1894 Phoenix, Arizona; 90p.

† **Battandier**, Jules Aimé (28 Jan 1848–18 Sep 1922); {Batt.}; French botanist & pharmacologist; prof of medical school of Alger; collected in Algeria, Tunisia & Morocco 1875–1920;

desc species:

(Tetragonia) **borealis** [w LC Trabut] (Morocco) 1917,

(Sedum) **gattefossei** [w R Jahandiez] (Morocco) 1921 (na J Gattefosse),

(Sedum) **jahandiezii** (Morocco) 1921 (na R Jahandiez).



† **Batten**, [née Taylor,] (Dr hc) Auriol Ursula Luyt (2 Mar 1918–2 Jun 2015); RSA bot artist & high school teacher; BSc in botany at Univ of Natal, Pietermaritzburg 1938; studied art at Durban Technical College; painted wild flowers c1943~; honorary doctorate at Rhodes Univ 1994; spouse Ashley Batten;

Book [1966] *Wild Flowers of the Eastern Cape Prov* [w H Bokelmann] Cape Town, RSA; Eng; 185p,

[1986] *Flowers of Southern Africa* Johannesburg, RSA; Eng; 401p w 100 watercolor paintings by her;

species nah:

(Albuca) **batteniae** (Eastern Cape) (desc & nah by OM Hilliard & BL Burt 1985).



† **Bauer**, Franz [Francis] Andreas (14 Mar 1758–11 Dec 1840); {F.A.Bauer}; Austrian bot artist; worked as bot illustrator for J Banks at Kew 1790~;

Book [1796] *Delineation of Exotick Plants cultivated in the Royal Gardens at Kew* London, Eng; Eng; 30 plates.

Bauer, (Dr) Julian; teacher at Univ College at Mgoi, Somalia;

disc species:

(Aloe) **heybensis** [w JJ Lavranos] (Somalia) 1989 (desc by JJ Lavranos 1999).



Bauer, Ralf (1968–); {Ralf Bauer}; Ger dentist; specialized on epiphytic cacti; collected in Peru; IOS member 1992;

Book [2003] *A Synopsis of the Tribe Hylocereeae* F. Buxb. Dorset, Eng; Eng; 64p;

disc species:

(Echeveria) **oreophila** [w MW Kimnach] (Cajamarca) 2000 (desc MW Kimnach 2002),

(Epiphyllum) **baueri** (Colombia, Panama) 1999 (desc & nah by R Dorsch 2003),

(Weberocereus) **frohningiorum** (Costa Rica) 2001 (disc by H & U Frohning & na them);

transfer species:

"Cereus cinnabarinus" (W Weingart 1910) to **Disocactus speciosus** ssp **cinnabarinus** 2003,

"Cereus donkelaarii" (JMF Salm-Dyck 1845) —> **Selenicereus grandiflorus** ssp **donkelaarii** 2003,

"Cereus hondurensis" (W Weingart 1904) —> **Selenicereus hondurensis** 2003,

"Cereus megalanthus" (FKJ Vaupel 1913) —> **Hylocereus megalanthus** 2003,

“*Cereus setaceus*” (AP de Candolle 1828) —> ***Hylocereus setaceus*** 2003,
 “*Cereus testudo*” (JG Zuccarini 1837) —> ***Strophocactus testudo*** 2003,
 “*Epiphyllum guatemalense*” (NL Britton & JN Rose 1913) —> ***Epiphyllum hookeri* ssp *guatemalense***
 2003,
 “*Heliocereus aurantiacus*” (MW Kimnach 1974) —> ***Disocactus speciosus* ssp *aurantiacus*** 2003.
 “*Nopalxochia konzattiana*” (TB MacDougall 1947) —> ***Disocactus ackermannii* ssp *konzattianus***
 2003,
 “*Nyctocereus chontalensis*” (EJ Alexander 1950) —> ***Strophocactus chontalensis*** 2003,
 “*Phyllocactus costaricensis*” (FAC Weber 1902) —> ***Epiphyllum thomsonianum* ssp *costaricense*** 2003,
 “*Phyllocactus pittieri*” (FAC Weber 1898) —> ***Epiphyllum hookeri* ssp *pittieri*** 2003;
 “*Rhipsalis biolleyi*” (FAC Weber 1902) —> ***Weberocereus tunilla* ssp *biolleyi*** 2003,
 “*Selenicereus tricae*” (DR Hunt 1989) —> ***Hylocereus tricae*** 2003,
 “*Wittia amazonica*” (KM Schumann 1903) —> ***Pseudorhipsalis amazonica*** 2003,
 “*Wittia panamensis*” (NL Britton & JN Rose 1913) —> ***Pseudorhipsalis amazaonic* ssp *panamensis***
 2003;
desc subsp:
 (*Pseudorhipsalis amazonica* ssp) ***chocoensis*** (Colombia) 2003 (disc by him 1999),
 (*Selenicereus grandiflorus* ssp) ***lautneri*** (Oaxaca) 2003 (disc by J Lautner 1990 & nah);
transfer subsp:
 “*Acanthorhipsalis monacantha* ssp *kimnachii*” (AB Doweld 2002) —> ***Pfeiffera monacantha* ssp**
kimnachii 2005;
transfer variety:
 “*Epiphyllum phyllanthus* var *rubrocoronatum*” (MW Kimnach 1964) —> ***Epiphyllum phyllanthus* ssp**
rubrocoronatum 2003,
 “*Heliocereus aurantiacus* var *blomianus*” (MW Kimnach) —> ***Disocactus speciosus* ssp *blomianus***
 2003,
 “*Phyllocactus phyllanthus* var *columbiense*” (FAC Weber 1898) —> ***Epiphyllum hookeri* ssp**
columbiense 2003.

Bauer, U;

Book [1992] *Alles über Kakteen* [w H Dopp, M Hartwig, E Kleiner & M Romig] Offenburg; 66p.



† **Bauhin**, (Prof) (Dr med) Gaspard [Casperr, Kaspar, Gaspar, Casparus]
 (17 Jan 1560–5 Dec 1624); {C.Bauhin}; Swiss physician, herbalist & botanist; MD at Basel Univ,
 Geneva, Switzerland 1580; prof of Greek 1582–89 & of anatomy & botany 1589–1614 at Basel Univ;
 first to use name ‘*Cereus peruvianus*’ in 1623 but no location given; one of the early pre-Linnaeus
 users of the binary nomenclature system of naming plants not popular at the time; he grouped
 them by a combination of characters; his herbarium of over 4,000 plants is preserved at Univ of Basle;
 produced new edition of herbal by Tabernaemontanus; many generic names picked up later by C Linnaeus;
 brother J Bauhin;

Book [1623] *Pinax Theatri Botanici*; Latin; 522p; (2nd edition in 1671 w 518p used by C Linnaeus in his work).



† **Bauhin**, (Dr med) Jean [Johann, Johannes] (12 Dec 1541–26 Oct 1613); {J.Bauhin}; Swiss
 botanist, physician & herbalist; student of Guillaume Rondelet (1507–1556) at Montpellier Univ,
 France 1561; prof of rhetoric at Basel Univ 1566–70; physician to Duke Frederick I of Württemberg
 at Montbéliard 1570~; attempted a classification of Plant Kingdom that was a help to C Linnaeus
 later; brother G Bauhin;

Book [1650–51] *Historia Plantarum Universalis* = “Classification of the Plant Kingdom” Yverdon, Switzerland; first to recognize succ plants as a group to themselves; his life’s work pub by his son-in-law, JH Cherler, & friends, (in 3 Vols);

[1650] Vol 1, Part 1; 595p;
[1650] Vol 1, Part 2; 440p;
[1651] Vol 2; 1,074p;
[1651] Vol 3, Part 1; 212p;
[1651] Vol 3, Part 2; 882p.



Baum, (Prof) (Dr) David Alastair (5 Jun 1964–); {D.A.Baum}; Eng to US botanist; PhD at Washington Univ, St Louis, Missouri 1991; prof of botany at Harvard Univ, Cambridge, Massachusetts 1994~; collected in Mada 1984, 1987, 1988–89 & 1991, in Seychelles 1985, in Kenya 1989 & in Australia 1989–90;

transfer species:

"Capparis gibbosa" (A Cunningham 1842) —> **Adansonia gibbosa** 1995.



† **Baum**, Hugo (17 Jan 1867–15 Apr 1950); {Baum or H.Baum}; Ger horticulturist; gardener at Berlin bot garden ≈1901; curator at Rostock Bot Garden 1901–33; founding member of Rostock cactus club 1 Jan 1932; collected in Cameroon, Angola & Namibia 1899–1900 & in Mex 1925;

species nah:

(Erythrina) **baumii** (Angola, Congo, Zambia) (desc & nah by HAT Harms 1903),
(Jatropha) **baumii** (Angola, Zambia) (desc & nah by FA Pax 1903),
(Kalanchoe) **baumii** (desc & nah by HGA Engler & EF Gilg),
(Mamm) **baumii** (Tamaulipas) (desc & nah by F Boedeker 1926);

disc species:

(Coryphantha) **vaupeliana** (Tamaulipas) 1925 (desc by F Boedeker 1928 & na FKJ Vaupel),
(Mamm) **klissingiana** [w P Montemayor] (Tamaulipas) 1925 (desc by F Boedeker 1927 & na CL Klissing).

† **Baumann**, Constantin Auguste Napoléon (20 Feb 1804–12 Jul 1884); {Baumann}; French horticulturist at Mulhouse & Bolwillers, France; spouse Marie Elise Josephine Baumann (1812–1888);

species nah:

(Cereus) **baumannii** (Argentina, Paraguay, Uruguay) (desc & nah by AC Lemaire 1844) —> **Cleistocactus baumannii** by AC Lemaire 1861.

Baumgartner, G;

Book [1933] *Anzucht und Pflege der Kakteen* Vienna, Austria; Ger; 96p.

Baumhardt, Gastaõ; Brazil;

disc species:

(Uebelmannia) **buiningii** [w L Horst] (Minas Gerais) 1966 (desc by JD Donald 1968),
(Uebelmannia) **pectinifea** [w L Horst] (Minas Gerais) 1966 (desc by AFH Buining 1967).

Bauml, James [Jim] Anthony (1952–); {Bauml}; US ethnobotanist; botanist at Huntington Bot Gardens, San Marino, Calif 1979–83 & then at Los Angeles Arboretum, Arcadia, Calif 1984~; specialist on Huichole Indians of Jalisco, Mex; collected in Mex, S Amer & US; spouse Stacy Schaefer;

disc variety:

(Sedum versadense var) **villadioides** [w MW Kimnach] (Oaxaca) 1981 (desc by MW Kimnach 1982).

† **Baur**, (Revd) Leopold Richard (17 Sep 1825-26 Aug 1889); Ger pharmacist, missionary & botanist; to Cape, RSA 1847~; missionary in Baziya, Eastern Cape 1855-89; worked w P MacOwan collecting at Cape; sent collections to Kew;

disc species:

(Euphorbia) **gatbergensis** (Eastern Cape) c1883 (desc by NE Brown 1915).

† **Bavazzano**, Renato; Italy (c1911–c1979); worked at Erbario Tropicale Bot Institute, Univ of Florence, Italy; expedition to Somalia & s Yemen w JJ Lavranos 1970;

disc species:

(Aloe) **bargalensis** [w JJ Lavranos] (Somalia) 1970 (desc by JJ Lavranos 1973),
(Aloe) **pulchra** [w JJ Lavranos] (Somalia) 1970 (desc by JJ Lavranos 1973),
(Dorstenia) **gyssophila** [w JJ Lavranos] (Somalia) 1970 (desc by JJ Lavranos 1972),
(Euphorbia) **mosaica** [w JJ Lavranos] (Somalia) 1970 (desc by PRO Bally & S Carter 1976),
(Pseudolithos) **caput-viperæ** [w JJ Lavranos] (Somalia) 1970 (desc by JJ Lavranos 1974);

disc variety:

(Echidnopsis chrysantha var) **filipes** [w JJ Lavranos] (Somalia) 1970 (desc by JJ Lavranos 1974).



† **Baxter**, Edgar Martin (5 Feb 1903–23 Sep 1967); {E.M.Baxter}; US sociologist, plantsman & student of Cactaceae; graduate at Univ of Southern Calif; sociologist at Calif Dept of Corrections 1940–65; specialized in native succ of Calif; CSSA pres 1935 & Fellow award ke1941; spouse Mary [née Mathews] Baxter;

Book [1935] *Calif Cactus* Los Angeles, Calif; Eng; 100p,

[1944] *CSSA ten year index of C&S Journal July 1929– June 1939* Pasadena, Calif; 57p;

species nah:

(Neomammillaria) **baxteriana** (Baja Calif Sur) 1934 (desc & nah by HE Gates 1934 & disc by HE Gates 1933) —> **Mamm petrophila** ssp **baxteriana** by DR Hunt 1998;

desc species:

(Grusonia) **santamaria** (Baja Calif) 1934 —> **Cylindropuntia santamaria** by JP Rebman 2002,
(Neomammillaria) **phitauiana** (Baja Calif Sur) 1931 (disc by him 1930 & na his fraternity, Phi Kappa Tau) —> **Mamm phitauiana** by C Backeberg 1931,
(Opuntia) **aurea** (Arizona) 1933 (disc by P&H McCabe 1930),
(Opuntia) **bravoana** (Baja Calif) 1933 (disc by him 1930 & na H Bravo-Hollis),
(Opuntia) **lagunae** (Baja Calif) 1932 (disc by him 1931).

Baxter, Elmar [Elmer]; US outdoor & travel writer, editor & photographer 1946~; worked at Hearst newspapers 20 yrs;

Books [1974] *The Baja Book**; Eng; 176p,

[1979] *The Baja Book II**; Eng; 180p.

[*w T Miller]

Baxter, (Mr) WD; collected in RSA;

species nah:

(*Machairophyllum*) **baxteri** (Western Cape) (desc & nah by HML Bolus 1935).



Bayer, (pronounced “buyer”) Martin **Bruce** (30 Jun 1935–); {M.B.Bayer}; Cape Town & Paarl, RSA agricultural entomologist, systematic botanist & gardener; MSc w agricultural entomology thesis from Univ of Natal, Pietermaritzburg, RSA 1956; entomologist at Cedara Agricultural Reserve Station 1956–64; curator of Karoo Bot Garden at Worcester, RSA 1969–87; rangeland scientist at Veld Reserve, Worcester, RSA 1987–93; specialized on genus *Haworthia*; IOS member 1978; CSSA Fellow award 1999; SSSA Allen Dyer award 2000; father WF Bayer; spouse Daphne Bayer;

Book [1976] *The Haworthia Handbook* Kirstenbosch, RSA; Eng; 184p,
[1982] *The New Haworthia Handbook* Kirstenbosch; Eng; 124p w 20p color plates; (rev edition of 1976 book),
[1999] *Haworthia Revisited (a Revision of the Genus)* Pretoria RSA; Eng; 250p; (rev edition of 1982 book),
[1999] *Thoughts on Haworthia* Cape Town; Eng; 99p,
[2002–2013] *Haworthia Update: Essays on Haworthia* — Vol 1 Pretoria; Eng; 63p;

[2002] Vol 1; 64p,
[2006] Vol 2; 165p,
[2007] Vol 3; 166p,
[2007] Vol 4; 108p,
[2010?] Vol 5; 107p,
[2011?] Vol 6; 104p,
[2011?] Vol 7; 251p,
[2012] Vol 8; 63p,
[2013?] Vol 9; 55p,
[2013] Vol 10; 51;

[2012] *The Haworthia Nomenclator: A list of Accepted Species with some Guidelines for Intraspecific Names* [w JC Manning] Claremont, RSA; Eng; 24p; (revised 2013);

species nah:

(*Anacampseros*) **bayeriana** (Cape) (desc & nah & WF Bayer by SA Hammer 1988 & disc by WF Bayer 1950),
(*Euphorbia*) **bayeri** (Eastern Cape) (desc & nah by LC Leach 1988),
(*Haworthia*) **bayeri** (Western Cape) (desc & nah by JD Venter & SA Hammer 1997),
(*Huernia*) **bayeri** (Eastern Cape) (desc & nah by LC Leach 1988);

disc species:

(*Brachystelma*) **minimum** (Eastern Cape) (desc by RA Dyer 1978),
(*Euphorbia*) **mira** (Western Cape) (desc by LC Leach 1986),
(*Tylecodon*) **bayeri** (Northern Cape) (desc & nah by EJ van Jaarsveld 1988);

desc species:

(*Haworthia*) **archeri** (Western Cape) 1981 (disc by PV Bruyns 1977 & na J Archer) —> **Haworthia marumiana** var **archeri** by MB Bayer 1999,
(*Haworthia*) **bruynsii** (Eastern Cape) 1981 (na PV Bruyns),
(*Haworthia*) **outeniquensis** (Western Cape) 1999,
(*Haworthia*) **pubescens** (Western Cape) 1973,
(*Haworthia*) **pulchella** (Western Cape) 1973,
(*Haworthia*) **pungens** (Eastern Cape) 1999,

(Haworthia) **rycroftiana** (Western Cape) 1981 (na HB Rycroft) —> **Haworthia mucronata** var **rycroftiana** by MB Bayer 1999,
 (Haworthia) **serrata** (Western Cape) 1973,
 (Haworthia) **vlokii** (Western Cape) 1999 (na JHJ Vlok),
 (Pectinaria) **stayneri** (Western Cape) 1975 (na FJ Stayner) —> **Neopectinaria stayneri** by DCH Plowes 2003;

transfer species:

Aloe radula" (NJ von Jacquin 1804) —> **Haworthia attenuate** var **radula** 1999,
 Haworthia atrofusca" (GG Smith 1948) —> **Haworthia magnifica** var **atrofusca** 1977,
 Haworthia badia" (JKL von Poellnitz 1938) —> **Haworthia mirabilis** var **badia** 1999,
 Haworthia batesiana" (AJA Uitewaal 1948) —> **Haworthia marumiana** var **batesiana** 1999,
 Haworthia baylissii" (CL Scott 1968) —> **Haworthia angustifolia** var **baylissii** 1999,
 Haworthia blackbeardiana" (JKL von Poellnitz 1932) —> **Haworthia bolusii** var **blackbeardiana** 1982,
 Haworthia dekenahii" (GG Smith 1944) —> **Haworthia magnifica** var **dekenahii** 1997,
 Haworthia dielsiana" (JKL von Poellnitz 1930) —> **Haworthia cooperi** var **dielsiana** 1999,
 Haworthia globosiflora" (GG Smith 1950) —> **Haworthia nortieri** var **globosiflora** 1976,
 Haworthia gordoniana" (JKL von Poellnitz 1937) —> **Haworthia cooperi** var **gordoniana** 1999,
 Haworthia graminifolia" (GG Smith 1942) —> **Haworthia blackburniae** var **graminifolia** 1999,
 Haworthia granulate" (HWR Marloth 1910) —> **Haworthia venosa** ssp **granulata** 1976,
 Haworthia greenii" (JG Baker 1880) —> **Haworthia coarctata** fa **greenii** 1999,
 Haworthia habdomadis" (JKL von Poellnitz 1938) —> **Haworthia mucronata** var **habdomadis** 1999,
 Haworthia hurlingii" (JKL von Poellnitz 1937) —> **Haworthia reticulata** var **hurlingii** 1982,
 Haworthia intermedia" (JKL von Poellnitz 1937) —> **Haworthia maculata** var **intermedia** 1999,
 Haworthia isabellae" (JKL von Poellnitz 1938) —> **Haworthia gracilis** var **isabellae** 1999,
 Haworthia lateganiae" (JKL von Poellnitz 1937) —> **Haworthia scabra** var **lateganiae** 1999,
 Haworthia leightonii" (GG Smith 1950) —> **Haworthia cooperi** var **leightonii** 1976,
 Haworthia longibracteata" (GG Smith 1945) —> **Haworthia turgida** var **longibracteata** 1999,
 Haworthia mcmurtryi" (CL Scott 1984) —> **Haworthia koelmaniorum** var **mcmurtryi** 1999,
 Haworthia morrisiae" (JKL von Poellnitz 1937) —> **Haworthia scabra** var **morrisiae** 1976,
 Haworthia notabilis" (JKL von Poellnitz 1938) —> **Haworthia maraisii** var **notabilis** 1976,
 Haworthia paradoxa" (JKL von Poellnitz 1933) —> **Haworthia mirabilis** var **paradoxa** 1997,
 Haworthia paynei" (JKL von Poellnitz 1937) —> **Haworthia herbacea** var **paynei** 1999,
 Haworthia pehlemanniae" (CL Scott 1982) —> **Haworthia nortieri** var **pehlemanniae** 1999,
 Haworthia pilifera" (JG Baker 1871) —> **Haworthia cooperi** var **pilifera** 1999,
 Haworthia pringlei" (CL Scott 1994) —> **Haworthia decipiens** var **pringlei** 1999,
 Haworthia ramosa" (GG Smith 1940) —> **Haworthia cymbiformis** var **ramosa** 1999,
 Haworthia reddii" (CL Scott 1994) —> **Haworthia cymbiformis** var **reddii** 1999,
 Haworthia rycroftiana" (MB Bayer 1981) —> **Haworthia mucronata** var **rycroftiana** 1999,
 Haworthia setata" (AH Haworth 1819) —> **Haworthia arachnoidea** var **setata** 1999,
 Haworthia tenera" (JKL von Poellnitz 1933) —> **Haworthia gracilis** ssp **tenera** 1999,
 Haworthia tessellate" (AH Haworth 1824) —> **Haworthia venosa** ssp **tessellata** 1982,
 Haworthia triebneriana" (JKL von Poellnitz 1936) —> **Haworthia mirabilis** var **triebneriana** 1999,
 Haworthia venusta" (CL Scott 1996) —> **Haworthia cooperi** var **venusta** 1999;

subsp nah:

(Quaqua parviflora ssp) **bayeriana** (Northern Cape) (desc & nah by PV Bruyns 1983) —> **Quaqua bayeriana** by DCH Plowes 1994;

disc subsp:

(*Conophytum devium* ssp) **stiriferum** [w SA Hammer] (Namaq) 1987 (desc by SA Hammer & CM Barnhill 1997);

disc variety:

(*Gasteria brachyphylla* var) **bayeri** (Western Cape) c1991 (desc & na EJ van Jaarsveld 1992),

desc variety:

(*Haworthia angustifolia* var) **altissima** (Eastern Cape) 1999,

(*Haworthia arachnoidea* var) **namaquensis** (Northern Cape, Western Cape) 1999,

(*Haworthia arachnoidea* var) **scabrispina** (Western Cape) 1999,

(*Haworthia archeri* var) **dimorpha** (Western Cape) 1981 —> **Haworthia marumiana** var **dimorpha** by him 1999,

(*Haworthia blackburniae* var) **derustensis** (Western Cape) 1999,

(*Haworthia cooperi* var) **doldii** (Cape Province) 2002 (disc by & na AP Dold),

(*Haworthia decipiens* var) **cyanea** (Western Cape, Eastern Cape) 1999,

(*Haworthia decipiens* var) **minor** (Eastern Cape) 1999,

(*Haworthia emelyae* var) **multifolia** (Western Cape) 1979 (disc by him),

(*Haworthia floribunda* var) **dentata** (Western Cape) 1999,

(*Haworthia floribunda* var) **major** (Western Cape) 1999,

(*Haworthia gracilis* var) **picturata** (Eastern Cape) 1999,

(*Haworthia gracilis* var) **viridis** (Eastern Cape) 1999,

(*Haworthia heidelbergensis* var) **minor** (Western Cape) 1999,

(*Haworthia heidelbergensis* var) **scabra** (Western Cape) 1999,

(*Haworthia heidelbergensis* var) **toonensis** (Western Cape) 1999,

(*Haworthia herbacea* var) **flaccida** (Western Cape) 1999,

(*Haworthia herbacea* var) **lupula** (Western Cape) 1999,

(*Haworthia limifolia* var) **gigantea** (Mpumalanga) 1962,

(*Haworthia maraisii* var) **meiringii** (Western Cape) 1976 (na PL Meiring),

(*Haworthia marumiana* var) **viridis** (Western Cape) 1999,

(*Haworthia mirabilis* var) **calcareae** (Western Cape) 1999,

(*Haworthia mirabilis* var) **consanguinea** (Western Cape) 1999,

(*Haworthia monticola* var) **asema** (Western Cape) 1999,

(*Haworthia mutica* var) **nigra** (Western Cape) 1999,

(*Haworthia pubescens* var) **livida** (Western Cape) 1999,

(*Haworthia pulchella* var) **globifera** (Western Cape) 1999,

(*Haworthia reticulata* var) **attenuata** (Western Cape) 1999,

(*Haworthia variegata* var) **hemicypta** (Western Cape) 1999,

(*Haworthia variegata* var) **modesta** (Western Cape) 1999,

(*Haworthia variegata* var) **petrophila** (Western Cape) 1999,

(*Haworthia zantneriana* var) **minor** (Eastern Cape) 1999;

transfer variety:

“*Haworthia angustifolia* var *denticulifera*” (JKL von Poellnitz 1937) —> **Haworthia chloracantha** var **denticulifera** 1976,

“*Haworthia bolusii* var *aranea*” (A Berger 1908) —> **Haworthia arachnoidea** var **aranea** 1999,

“*Haworthia bolusii* var *semiviva*” (JKL von Poellnitz 1938) —> **Haworthia semiviva** 1976,

“*Haworthia dekenahii* var *argenteo-maculosa*” (GG Smith 1945) —> **Haworthia pygmaea** var **argenteo-maculosa** 1997,

“*Haworthia emelyae* var *beukmanii*” (JKL von Poellnitz 1940) —> **Haworthia mirabilis** var **beukmanii** 1999,

“Haworthia planifolia var setulifera” (JKL von Poellnitz 1938) —> **Haworthia cymbiformis** var **setulifera** 1999,
 “Haworthia planifolia var transiens” (JKL von Poellnitz 1938) —> **Haworthia cymbiformis** var **transiens** 1976,
 “Haworthia reinwardtii var adelaidensis” (JKL von Poellnitz 1940) —> **Haworthia coarctata** var **adelaidensis** 1999,
 “Haworthia reinwardtii var chalumnensis” (GG Smith 1943) —> **Haworthia reinardtii** fa **chalumnensis** 1976,
 “Haworthia reinwardtii var kaffirdriftensis” (GG Smith 1943) —> **haworthia reinwardtii** fa **kaffirdriftensis** 1976,
 “Haworthia reinwardtii var olivacea” (GG Smith 1944) —> **Haworthia reinwardtii** fa **olivacea** 1976,
 “Haworthia reinwardtii var tenuis” (GG Smith 1948) —> **Haworthia coarctata** var **tenuis** 1973,
 “Haworthia reinwardtii var zebrina” (GG Smith 1944) —> **Haworthia reinwardtii** fa **zebrina** 1977,
 “Haworthia schuldtiana var maculate” (JKL von Poellnitz 1940) —> **Haworthia maculate** 1976;
 “Haworthia schuldtiana var major” (GG Smith 1946) —> **Haworthia emelyae** var **major** 1997,
 “Haworthia setata var nigricans” (AH Haworth 1821) —> **Haworthia arachnoidea** var **nigricans** 1999,
 “Haworthia triebneriana var sublineata” (JKL von Poellnitz 1938) —> **Haworthia mirabilis** var **sublineata** 1999;

desc forma:

(Haworthia retusa fa) **acuminata** (Western Cape) 1976 —> **Haworthia magnifica** var **acuminata** by MB Bayer 1997;

transfer forma:

“Haworthia altilinea fa inconfluens” (JKL von Poellnitz 1938) —> **Haworthia mucronata** var **nconfluens** 1999,
 “Haworthia obtusa fa truncate” (HJH Jacobsen 1955) —> **Haworthia cooperi** var **truncate** 1999.

† **Bayer**, (pronounced “buyer”) Waldemar Felix (c9 Feb 1901 —> Aug 1985); Namibia; son MB Bayer;
species nah & MB Bayer:

(Anacampseros) **bayeriana** (Cape) (desc & na both by SA Hammer 1988 & disc by WF Bayer 1950);
disc species:
 (Euphorbia) **louwii** (Limpopo) 1948 (desc by LC Leach 1980 & na WJ Louw).



† **Baylis**, [née Hilbiber] Maggie (26 Nov 1912–10 Dec 1997); US artist & illustrator; spouse Douglas Baylis;

Book [1977] *The Punctured Thumb* San [w G Ashley] Francisco, Calif; Eng; 168p.



† **Bayliss**, (Col) **Roy** Douglas Abbott (28 Dec 1909–29 Nov 1994); British in motor industry ≈1939; active military service 1939–46; botanist to Tanzania 1947, Kenya 1952, RSA 1960; explored & collected in eastern & s Africa 1952~, w LC Leach 1960~; collector for Bot Research Institute 1973~;

species nah:

(Cephalophyllum) **baylissii** (desc & nah by HML Bolus 1963),
 (Euphorbia) **baylissii** (Mozambique) (desc & nah by LC Leach 1964),
 (Gasteria) **baylissiana** (Eastern Cape) (desc & nah by WHH Rauh 1977 & disc by J Truter 1960),
 (Haworthia) **baylissii** (Eastern Cape) (desc & nah by CL Scott 1968) —> **Haworthia angustifolia** var **baylissii** by MB Bayer 1999;
 (Lampranthus) **baylissii** (Western Cape) (desc & nah by HML Bolus 1965),

(Stapelia) **baylissii** (Eastern Cape) (desc & nah by LC Leach 1984),

(Stapelianthus) **baylissii** (Eastern Cape) (desc & nah by LC Leach 1968) —> **Tromotriche baylissii** by PV

Bruyns 1995;

disc species:

(Brachystelma) **alpinum** (Lesotho) 1975 (disc by RA Dyer 1977);

variety nah:

(Edithcolea grandis var) **baylissiana** (desc & nah by JJ Lavranos & DS Hardy 1963).



† **Baynes**, Albert (23 Apr 1895–25 Aug 1968); British horticulturist & professional gardener; co-founding member (w HM Roan, Victor W Kane & Fred Ives) of Yorkshire Cactus Soc 1945 that became NCSS 1946; NCSS Fellow 1965; Echeverioideae hybridizer; cultivar x*Graptoveria* 'Albert

Baynes' nah by

JC van Keppel 1979.

Baynes, Maudsley (24 May 1881–Sep 1971); British explorer in Namibia;

genus nah:

Baynesia (Namibia) (desc by PV Bruyns 2000 & nah).



† **Bayr**, Alfred (1905–20 Jan 1970); Austrian bank dir in Linz; cactus hobbyist; pres of Austrian C&SS (Gesellschaft Österreichischer Kakteenfreunde);

species nah:

(Gymnocalycium) **bayrianum** (Salta, Tucuman) (desc & nah by JA Till 1987 & disc by F

Schickendantz c1964).

Bean, [née Taylor,] Patricia Anne (11 Jul 1930–); {P.A.Bean}; Canadian to Africa biologist; MSc at Univ of Cape Town, RSA 1962; teacher at field biology & nature study school, Kirstenbosch Natl Bot Garden, RSA 1960–64; lecturer in biology at Teachers' College, Bulawayo, Zimbabwe 1965–75; on staff at Bolus Herbarium, Cape Town 1977~; interested in Agathosma;

desc species:

(Heliophila) **ephemera** (Western Cape) 1990.

† **Beard**, [née Cooke] (Dr) Eleanor (28 Sep 1909–11 May 1991); US; PhD at Univ of Michigan 1936:

spouse

George Beard;

Book [1937] *Some Chromosome Compliments in the Cactaceae & a Study of Meiosis in Echinocereus papillosus* Linke Ann Arbor, Michigan; Eng; 73p; (PhD thesis).

Beatty, Virginia L;

Book [1976] *C&OS Skokie*, Illinois; Eng; 66p.

† **Beaucarne**, Joannes Baptiste (13 Sep 1802–12 Jan 1889); Belgian succ plant grower in Eename;

genus nah:

Beaucarnea (Central Amer, Mex) (desc & nah by AC Lemaire 1861).



† **Beauharnais**, Eugene Rose de (3 Sep 1781–21 Feb 1824); Frenchman; first Duke of Leuchtenberg 1817~ & Prince of Eichstaett [Eichstätt]; French soldier & statesman w an interest in geology; son of Josephine, the 1st of Napoleon's consorts; spouse Auguste Amélie [née Wittelsbach] de Beauharnais (1788–1851);

[Note: Genus and species should maybe be given credit to second son of Eugene & third Duke of Leuchtenberg & Prince of Eichstaett [Eichstätt], Maximilian Joseph Eugène Auguste Napoleon de Beauharnais (2 Oct 1817–1 Nov 1852), since he co-sponsored W F von Karwinsky expedition to Mex; spouse Maria [née Nikolaevna Romanova] de Beauharnais (18 Aug 1819–21 Feb 1876).]

genus na his locality:

Leuchtenbergia (Mex) (desc by WJ Hooker 1848);

species na his title:

(Leuchtenbergia) **principis** (Mex) (desc by WJ Hooker 1848).

Beaumont, (Dr) Jane E; UK; PhD at Kings College, Univ of London, Eng 1986; technical officer & dir of accreditation at United Kingdom Accreditation Service 1987;

Book [1986] *Biology & Biochemistry of Aloe Æ Leaf Exudates*; Eng; 475p; PhD thesis.

† **Beauverd**, Gustave (20 Mar 1867–19 Mar 1942); {Beauverd}; Swiss botanist & artist; curator at Herbar Boissier herbarium, Geneva 1900–18 & at Univ of Geneva 1918–40; specialized in Pteridophytes, Bryophytes & Spermatophytes;

species nah:

(Kalanchoe) **beauverdii** (Mada) (desc & nah by Raymond-Hamet 1907),

(Sedum) **beauverdii** (China) (desc & nah by Raymond-Hamet 1909).



† **Beccari**, (Dr) Odoardo (16 Nov 1843–25 Oct 1920); {Becc.}; Italian botanist & traveler; PhD at Bologna Univ, Italy 1864; met CR Darwin & JD & WJ Hooker at Kew; worked on Rubiaceae ant plants; collected in se Asia 1865–68 (especially Borneo), Ethiopia 1870 & 1879–80, Malaysian archipelago &

New Guinea 1872–76 & Australia & New Zealand 1876;

desc genera:

Myrmephytum (Phillipines, Sulawesi, New Guinea) 1884,

Squamellaria (Fiji Islands) 1886;

species nah:

(Myrmecodia) **beccarii** (Australia) (desc & nah by JD Hooker 1886 & disc by J Banks & DC Solander 1770),

(Myrmephytum) **beccarii** (Irian Jaya) (desc & nah by ADE Elmer 1911);

desc species:

(Dischidia) **ruscifolia** (Philippines) 1886,

(Dischidia) **vidalii** (Philippines) 1886 (na S Vidal),

(Hydnophytum) **moseleyanum** (Australia, New Guinea) 1884 (disc by HN Moseley & nah),

(Myrmecodia) **alata** (Papua) 1884,

(Myrmecodia) **albertisii** (Papua New Guinea) 1884 (disc by LM d'Albertis & nah),

(Myrmecodia) **antoinii** (Australia) 1884 (na F Antoine) —> **Myrmecodia platytyrea** ssp **antoinii** by CR Huxley & MHP Jebb 1993,

(Myrmecodia) **erinacea** (New Guinea) 1884,

(Myrmecodia) **jobiensis** (Papua) 1884,

(Myrmecodia) **platytyrea** (New Guinea) 1884,

(Myrmecodia) **selebica** (Philippines, Sulawesi) 1874 —> **Myrmephytum selebicum** by O Beccari 1884,
(Myrmedoma) **arfakiana** (Irian Jaya) 1884 —> **Myremphytum arfakianum** by CR Huxley & MHP Jebb
1991;
transfer species:
"Myrmecodia imberbis" (A Gray 1858) —> **Squamellaria imberbis** 1886.

Becherer, Franz; Ger horticulturist;

Book [1989] *Kakteen* Munchen, Ger; 64p,
[1991] *Cactus. Des Variétés Pour L'appartement, le Balcon, la Terrasse* Paris, France; French; 63p,
[1994] *Success with Cacti* London; 63p w 80 color photos; (Eng version of 1989 *Kakteen*),
[2002] *Kaktus & Co*; 62p.

Bechtel, Helmut;

Book [1975] *Bunte Welt der Kakteen*, 120 Kakteen und Andere Sukkulente Pflanzen in Farbe Stuttgart, Ger;
Ger; 71p w 30 color photos,
[1976] *Cactussen in Kleur* Amsterdam, Netherlands; Dutch; 176p,
[1977] *Cactus Identifier (including succ plants)* NYC; Eng; 256p; (adapted from 1975 book above),
[1989] *Cactussen en andere Succulenten Baarn*; 71p.



† **Beck**, Graham (5 Dec 1929–27 Jul 2010); Western Cape, RSA; winemaker & conservationist;
owner of *Graham Beck Winery* in the Rooiberg conservancy; spouse Rhona Beck;

species nah:

(Esterhuysenia) **grahambeckii** (Western Cape) (desc & nah by EJ van Jaarsveld 2011 & disc by
him 2010).

† **Becker**, (Dr med) Carl (1867–); Ger pharmacist; spent 50 years in Congo;

Book [1895] *Beitrag Zur Vergleichenden Anatomie der Portulacaceen* Munich, Ger; Ger; 41p; (PhD thesis).



Becker, John A; US in Maryland; founding member & pres of earliest known cactus society in
the world, Baltimore Cactus Soc, in Maryland 1889, w FW Lantz as secretary & publisher of first US
journal in 1894.

Beckert, Klaus (fl. 2005); {Beckert};

desc species:

(Parodia) **hegeri** [w W Krahn & L Diers] (Bolivia) 2005 (disc by W Krahn & na E Heger).

**Beckstrom, Marc D; US in Livermore, Calif; researcher working on taxonomic revision of Opuntia
basilaris;**

desc species:

(Opuntia) **diploursina** [w N Hussey & AD Stock] (Arizona) 2014 (disc by AD Stock &
N Hussey 2012).

† **Beddome**, (Col) Richard Henry (11 May 1830–23 Feb 1911); {Bedd.}; British military officer &
naturalist; to India 1848; conservator of forests in Madras 1857–82; explored & collected in India, Ceylon,
Pakistan & Sri Lanka;

desc species:

(Ceropegia) **brevitubulata** (India) 1874 (disc by RH Beddome) —> **Brachystelma brevitubulatum** by JS Gamble 1921,

(Ceropegia) **ensifolia** (India) 1864,

(Ceropegia) **fimbriifera** (India) 1861.

† **Bedinghaus**, HJ (fl. 1860s); Belgian horticulturist; Furcraea species below disc in his garden;
species nah:

(Furcraea) **bedinghausii** (Mex) (desc & nah by KHE Koch 1863).

Bedu, AJ Martial;

Book [1870] *Des Liliacées en Général et de l'Aloes en Particulier* Paris, France; French; 32p.



† **Beecroft**, Willey Ingraham (1870–?); US artist & illustrator in gardening books;

Book [1925] *Out of the Desert*—C&S Escondido, Calif; Eng; 12p + 4p supplement.



PhD at
Nairobi,
Tropical

Beentje, (Dr) Henk Jaap (7 Nov 1951–); {Beentje}; Dutch botanist;
Wageningen Univ 1982; worked at East African Herbarium, Natl Museums of Kenya,
Kenya 1984–89; senior science officer at Kew herbarium 1991~ & editor of *Flora of*
East Africa; specialist on palm trees; explored in Africa & Mada various yrs 1975~; FLS
____; spouse Juliet [née Williamson] Beentje (24 Sep 1947–), artist & illustrator;

Book [1989] *Bombacaceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng,

[2005] *Senecioneae* section of *Compositae (Asteraceae) Part 3 from Flora of Tropical East Africa* [C
Jeffrey] Kew; Eng;

desc species:

(Aloe) **kulalensis** [w LE Newton] (Kenya) 1990,

(Aloe) **powysiorum** [w LE Newton] (Kenya) 1990 (disc by JGL & PG Powys & JO Evans c1987 & na JGL &
PG Powys).

Beetz, (Dr) Angela H; geologist at Consolidated Diamond Mines at Pomona, Namibia;

species nah:

(Mesemb) **beetzii** (Namibia, Cape) (desc & nah by MK Dinter 1923) —> **Stoeberia beetzii** by MK Dinter
& MHG Schwantes 1927.

Beetz, Maria; from father's farm *Marienthal*, Namibia;

disc species:

(Mesemb) **vallis-mariae** (Namibia) (desc by MK Dinter & MHG Schwantes 1925)

—> **Lithops vallis-mariae** by NE Brown 1926.

† **Begon**, [Bégon,] Michel (25 Dec 1638–14 Mar 1710); French governor of Santo Domingo & promoter
of botany; spouse Marie-Madeleine [née Druilhon] Begon
(29 Mar 1645–25 Dec 1697);

genus nah:

Begonia (tropics & subtropics worldwide (desc & nah by C Linnaeus 1753).

† **Beguin**, [Béguin,] Abbé (fl. 1896); French hybridizer of Aloe & Gasteria; collector in Mex;

disc species:

(Thelocactus) **beguinii** (Coahuila, Nuevo Leon, San Luis Potosi) (desc & nah by NP Taylor 1983) —>
Turbinicarpus beguinii by A Mosco &
C Zanovello 1997.

† **Beier**, Gothofredus;

Book [1670] *Aloen publica florum cultorum censurae exponit* [w Joannes Arnoldus Fridrici] Jena, Ger; 27p.

† **Beille**, Lucien (1862–1946);

species nah:

(Euphorbia) **beillei** (Chad) (desc & nah by AJB Chevalier 1933).



Beisel, Karl Werner (1930–); Ger horticulturist & nurseryman; owner of succ plant nursery
Bisnaga Beisel KG & later *Kakteenland Steinfeld* at Steinfeld, Ger 1978~;

Book [2003] *Kakteenland Steinfeld Südliche Weinstraße* Steinfeld; Ger; 24p;

genus nah:

Beiselia (Michoacan) (desc & nah by LL Forman 1987);

disc species:

(Beiselia) **mexicana** (Michoacan) 1982 (desc by LL Forman 1987),

(Mamm) **beiselii** [w ? Krasucka] (Colima, Michoacan) 1978 (desc & nah by L Diers 1979) —> **Mamm**
karwinskiana ssp **beiselii** by DR Hunt 1997.

Beliard, [Béliard,] Matthieu; France

Book [1985] *Les Cactacees a Proprietes Psycholeptiques* Nantes, France; (PhD thesis).



Bell, Shirley-Anne; British writer & poet in Lincolnshire, Eng; retail & mail-order plant business;
owner of *Glenhirst Cactus Nursery* early 1980s~ w spouse Neville Bell;

Book [2001] *Growing C&OS in the Garden* East Sussex, Eng; Eng; 200p,

[2002] *Growing C&OS in the Conservatory & Indoors* East Sussex, Eng; Eng; 176p w 266 color

photos,

[2005] *Success with Cacti and other Succulents* East Sussex, UK; Eng; 160p w color photos.

† **Bell**, (Prof) Willis Harvey (29 Jan 1908–28 Mar 1991); US biologist; prof of biology at Univ of New Mexico;

Book [1938] *The Early Utilization & the Distribution of Agaves in the Amer SW* [w EF Castetter & A Grove]
Albuquerque, New Mex; Eng; 92p,

[1941] *The Utilization of Yucca, Sotol, & Beargrass by the Aborigines in the Amer SW* [w EF Castetter]
Albuquerque; Eng; 74p; (from a Univ of New Mex bulletin on Ethnobiological Studies in the Amer Southwest).



† **Bellerue-Bleck**, [Bellerue, Bleck,] **Mary** Catherine

(19 Oct 1932–11 Feb 1999); {Bleck}; US horticulturist & succ specialist in Santa Barbara, Calif; co-
owner [w second spouse] of Abbey Garden in Santa Barbara, Calif c1973–79; curator of succ
collection at Johannesburg (RSA) city bot garden 1983–90; explored in Baja Calif, Mex, Canary

Islands, Kenya, Namibia, Zimbabwe & RSA; IOS member 1974; 1st spouse Al Bellerue; 2nd spouse John Bleck;

desc genus:

Notechidnopsis [w JJ Lavranos] (RSA) 1985;

species nah:

(Echidnopsis) **mariae** (Kenya) (desc & nah by JJ Lavranos 1982 & disc by PRO Bally 1971);

disc species:

(Tylecodon) **bleckiae** [w JJ Lavranos] (Little Namaq) 1985 (desc & na MC Bellerue-Bleck by G Williamson 1998);

desc species:

(Anacampseros) **lubbersii** (Mpumalanga) 1984 (disc by GER Lubbers c1954 & nah)
—> **Anacampseros subnuda** ssp **lubbersii** by M Gerbaulet 1992,
(Echidnopsis) **radians** (Somalia, Kenya) 1977 (disc by JGL Powys 1975);

transfer species:

“Caralluma tessellata” (NS Pillans 1933) —> **Notechidnopsis tessellata** [w JJ Lavranos] 1985,
“Trichocaulon columnare” (GC Nel 1933) —> **Notechidnopsis columnaris** [w JJ Lavranos] 1985.

Bellew, (Dr) Bernard A; spouse J Bellew

Book [1980] *The Desert Yucca for Health & Arthritis* [w J Bellew]; Eng; 16p.

Bellew, [née Galaz,] Joeva; spouse BA Bellew;

Book [1980] *The Desert Yucca for Health & Arthritis* [w BA Bellew]; Eng; 16p.



† **Bello**, [Bello y Espinosa,] (Dr) Domingo (31 Jul 1817–21 Jan 1884); {Bello}; Spanish lawyer & botanist; PhD at Univ of San Fernando; to Puerto Rico 1850–80;

desc species:

(Cereus) **quadricostatus** (Porto Rico, British Virgin Islands) 1881 —> **Leptocereus quadricostatus** by NL Britton & JN Rose 1913,
(Opuntia) **repens** (Porto Rico & its islands Mona, Muertos, Vieques & Culebra to Virgin Gorda & St Croix in West Indies) 1881.

Belous, J;

Book [2001] *Kaktusy Diya Natschina* [w TV Golocha] Moscow, Russia & Donetsk, Ukraine; Russian; 368p.

Belous, YN;

Book [2003] *Kaktusy (Unicalnaja Enziklopedia = "Universal Encyclopaedia")* [w OV Iljaschenko & YP Syschak] Moscow, Russia; Russian; 344p w 1,033 color photos.

Belvianes, Marcel;

Book [1955] *Beautés de la Flore Exotique* Paris, France; French; 96p.

Bemou, Parfait;

disc variety:

(Aloe trachyticola var) **multifolia** (Mada) 2001 (desc by J-G Castillon 2004).

† **Benabid**, (Dr) Abdelmalek (12 Dec 1952–15 Jul 2016); {Benabid}; French botanist & ecologist; PhD at Univ of Aix-Marseilles-III 1982; interested in ecology of Morocco;

desc subsp:

(Dracaena draco ssp) **ajgal** [w F Cuzin] (Morocco) 1997 (disc by F Cuzin).



Benadom, Earl Bernard [**Duke**] (1 Jul 1944–); US engineering management & horticulturist; CSSA BoD 1989 & VP 1996; CSSA Journal writer; CSSA Superior Service award (w spouse Kazuko) 1997; CSSA pres 17 Aug 2000–04; CSSA Special Service award 2005; CSSA journal editor 2010; spouse Kazuko [née Araki] Benadom

(7 Mar 1947–);

Book [1966] *CSSA Beginners Pamphlet* Simi Valley, Calif; Eng; 14p,
[2013] *Superb Succ* Simi Valley, Calif; Eng; 236p; many color photos on almost all pages,
[2014] *Echinocereus* Simi Valley; Eng; 500p of all p w color photos,
[2015] *Southwest Deserts — California & Nevada* Simi Valley, Calif; Eng; 384p,
[2015] *The Cycads — Asia & Australia* [w Loran Whitelock]; Eng; 460p w 473 color photos,
[2015] *The Cycads — Africa & the Americas* [w Loran Whitelock]; Eng; 500p w 820 color photos.



† **Benavides**, Gustavo Aguirre (23 Jan 1897–14 Apr 1982); Mex;
Parras de la Fuente, Coahuila; cultivator & specialist of cactus in area;

species nah:

(Gymnocactus) **aguirreanus** (Coahuila) (desc & nah by CE Glass & RA Foster 1972 & disc by CE Glass & RA Foster 1970) —> **Acharagma aguirreana** by CE Glass 1997.

Bender, Gordon L ;

Book [1982] *Reference Handbook on the Deserts of N Amer* Westport, Connecticut; Eng; 594p; (editor of).

† **Benecke**, Stephan [Etienne] (1808–1879); Ger merchant; to Mex; founded
Camara Nacional de Comercio 1875;

species nah:

(Cereus) **benecke**i (Mex) (desc & nah by CG Ehrenberg 1844) —> **Stenocereus benecke**i by F Buxbaum
1961,

(Mamm) **benecke**i (Sinaloa to Oaxaca) (desc & nah by CA Ehrenberg 1844).

Benedict, Michael (1940–); {M.Benedict};

disc species:

(Dudleya) **pachyphytum** (Cedros Island off Baja Calif coast) 1971 (desc by RV Moran &
M Benedict 1980).



† **Benitez**, Fernando (16 Jan 1912–21 Feb 2000); Mex anthropologist, writer & archaeologist
of Mex pre-Columbian cultures; spouse Georgina [née Conde Taboada] Benitez;

Book [1975] *In the Magic Land of Peyote* Austin, Texas; Eng; 230p; (from the Texas Pan Amer
Series).

† **Bennett**, John [Johannes] Joseph (8 Jan 1801–29 Feb 1876); {Benn.}; British botanist; assistant
keeper of Banksian herbarium & library at British Museum 1827–58 & succeeded
R Brown as keeper of Botanical Dept 1858–70; secretary of Linnean Soc of London 1840–60; FLS 1828; FRS
1841;

desc species:

(Aeschynanthus) **longicaulis** (Myanmar, Malaya, Thailand) 1840.

Benson, Bernard W (fl. 1957); {B.W.Benson};

desc genus:

Pilocanthus [w C Backeberg] (Arizona) 1957 (syn of *Pediocactus* B&R);

desc species:

(*Pediocactus*) **paradinei** (Arizona) 1957 (disc by NA Paradine 1956 & nah).

† **Benson**, [née Linderholm,] Evelyn Bernice (31 Dec 1907–1980); spouse LD Benson;

disc variety:

(*Pediocactus peeblesiana* var) **fickeiseniae** [w LD Benson] (Arizona) 1957 (desc by LD Benson 1982 & na FR Fickeisen) → **Pediocactus peeblesianus** ssp **fickeiseniorum** by JM Luthy 1999.



† **Benson**, (Prof) (Dr) **Lyman** David (4 May 1909–12 Jul 1993); {L.D.Benson or L.Bens.}; US botanist & taxonomist; PhD in botany at Stanford Univ, Calif 1939; prof of botany & dir of herbarium at Pomona College, Claremont, Calif 1944–74; specialist w *Opuntia*; writer of many journal articles on Cactaceae; CSSA Fellow award 1945;

IOS member 1955 & honorary member 1986; CSSA pres 1956–57; Monaco Cactus d'Or award 1984; explored in n Mex 1938–44; spouse EB Benson ;

Book [1940] *The Cacti of Arizona* [w AA Nichol & JJ Thornbur] Tucson, Arizona ; Eng; 134p; (third edition rev 1969 w LD Benson only as author; 218p),

[1944] *A Manual of SW Desert Trees & Shrubs* [w R Darrow] Tucson; Eng; 411p; w *Agave* 36p, Cactaceae 1p & Fouquieriaceae 4p,

[1954] *The Trees & Shrubs of the SW Deserts* [w R Darrow] Tucson; Eng; 416p; (second edition of 1945 Manual); w *Agave* 31p, Cactaceae 1p & Fouquieriaceae 2p,

[1957] *Plant Classification* Boston, Massachusetts; Eng; 688p,

[1962] *Plant Taxonomy - Methods & Principles* NYC; Eng; 494p,

[1969] *The Native Cacti of Calif* Stanford, Calif; Eng; 243p,

[1980] *The Cacti of the US & Canada* Stanford, Calif; Eng; 1,104p w 194 color photos; line drawings by RL Breazeale Hamilton;

genus nah:

Lymanbensonia (S Amer) (desc & nah by MW Kimnach 1984);

desc species:

(*Epithelantha*) **bokei** (Texas, Coahuila) 1969 (disc by NH Boke 1955 & nah),

(*Neolloydia*) **warnockii** (Texas, Coahuila) 1969 (disc by LD Benson 1965 & na BH Warnock) → **Sclerocactus warnockii** by NP Taylor 1987,

(*Pediocactus*) **bradyi** (Arizona) 1962 (disc by LF Brady 1958 & nah),

(*Pediocactus*) **knowltonii** (Colorado) 1960 (disc by FG Knowlton 1958 & nah),

(*Sclerocactus*) **wrightiae** (Utah) 1966 (disc by D Wright 1961 & nah);

transfer species:

“*Coloradoa mesae-verdae*” (CH Boissevain & C Davidson 1940) → **Sclerocactus mesae-verdae** 1966,

“*Echinocactus glaucus*” (KM Schumann 1898) → **Sclerocactus glaucus** 1966;

“*Echinocactus pubispinus*” (GT Engelmann 1863) → **Sclerocactus pubispinus** 1966,

“*Echinocactus sileri*” (JM Coulter 1896) → **Pediocactus sileri** 1961,

“*Mamm fasciculata*” (BD Jackson 1895) → **Echinocereus fasciculatus** 1969,

“*Navajoa peeblesiana*” (LCM Croizat 1943) → **Pediocactus peeblesianus** 1962;

desc variety:

(*Echinocereus engelmannii* var) **nicholii** (Arizona, Sonora) 1944 (disc by AA Nichol 1941 & nah) →

Echinocereus nicholii by BD Parfitt 1987,

(*Echinocereus pectinatus* var) **wenigeri** (Texas into Mex) 1968 (disc by LD Benson 1965 & na DK Weniger) → **Echinocereus pectinatus** ssp **wenigeri** by W Blum & J Rutow 1998,

(*Echinocereus viridiflorus* var) **correllii** (Texas) 1969 (disc by DS Correll & LD Benson 1965 & na DS Correll) → **Echinocereus viridiflorus** ssp **correllii** by W Blum & M Lange 1998,

(*Ferocactus acanthodes* var) **eastwoodiae** (Arizona) 1969 (disc by him 1966)
 —> **Ferocactus cylindraceus** ssp **eastwoodiae** by NP Taylor 2002,
 (*Opuntia echinocarpa* var) **wolfii** (Baja Calif, Calif) 1969 (disc by CB Wolf 1938 & nah)
 —> **Cylindropuntia wolfii** by MA Baker 2001,
 (*Pediocactus peeblesiana* var) **fickeiseniae** (Arizona) 1982 (disc by LD Benson &
 EB Benson 1957 & na FR Fickeisen) —> **Pediocactus peeblesianus** ssp **fickeiseniorum** by
 JM Luthy 1999;
transfer variety
 “*Echinocactus whipplei* var *spinosior*” (GT Engelmann 1863) —> **Sclerocactus spinosior** [w D Woodruff
 1976.]



† **Bent**, James **Theodore** (30 Mar 1852–5 May 1897); British archaeologist; graduate of
 Wadham College, Oxford 1875; explored in s Arabia, along Persian Gulf & in Rhodesia; spouse
 Mabel [née Hall-Dare] Bent;

disc species:

(*Caralluma*) **torta** (Socotra, Arabia) 1897 (desc by NE Brown 1901) —> **Rhytidocaulon tortum** by
 MG Gilbert 1990,
 (*Duvalia*) **sulcata** (Arabia) 1896–97 (desc by NE Brown 1910),
 (*Echidnopsis*) **bentii** (Socotra) c1897(desc & nah by JD Hooker 1901).



† **Bentham**, George (22 Sep 1800–10 Sep 1884); {Benth.}; British systematic botanist,
 taxonomist, jurist & linguist; independently wealthy; systematic botanist w major works on
 Compositae & Euphorbiaceae c1845~; prolific writer; donated over 10,000 specimens to
 Herbarium at Kew & worked there 1854~; friend of WJ & JD Hooker; secretary of Horticultural
 Soc 1829–40; FLS 1828 & pres 1861–74; FRS 1862; spouse Sarah [Née Jones] (1798–1881);
Book [1862–83] *Genera Plantarum ad Exemplaria Imprimis in Herbariis Kewensibus Servata Definita* = “Genera
 of Plants in the Herbarium of the Kew Botanical Gardens” [w JD Hooker] London; (in 3 Vols);
 [1862–67] Vol 1; 952p;
 [1873–76] Vol 2; 1,225p;
 [1880–83] Vol 3; 1,258p,
 [1878] *Notes on Euphorbiaceae* London; Eng; 82p; (from Journal of Linnean Soc, Vol 17);

desc genus:

Tetradenia (Ethiopia to RSA, Mada) 1830;

desc species:

(*Aeollanthus*) **parvifolius** (Mozambique, RSA) 1848,
 (*Astrostemma*) **spartioides** (Malaysia) 1880 —> **Absolmsia spartioides** by CEO Kuntze 1891,
 (*Calandrinia*) **gracilis** (Northern Territory, Queensland) 1863 —> **Parakeelya gracilis** by MA Hershkovitz
 1999,
 (*Calandrinia*) **polyandra** (Australia) 1863 —> **Parakeelya polyandra** by MA Hershkovitz 1999,
 (*Calandrinia*) **volubilis** (Australia) 1863 —> **Parakeelya volubilis** by MA Hershkovitz 1999,
 (*Coleus*) **latifolius** (Ethiopia to RSA) 1848 —> **Solenostemon latifolius** by JK Morton 1962,
 (*Dischidia*) **ovata** (Papua New Guinea, Queensland) 1843,
 (*Doryanthus*) **palmeri** (Queensland, New S Wales) 1873 (disc by W Hill & na AH Palmer),
 (*Elaphrium*) **hindsianum** (Sonora to Baja Calif) 1844 (na RB Hinds) —> **Bursera hindsiana** by HGA Engler
 1883,
 (*Euphorbia*) **californica** (Baja Calif, Sonora) 1844,
 (*Euphorbia*) **hindsiana** (Baja Calif) 1844 —> **Euphorbia californica** var **hindsiana** by IL Wiggins 1955,

(Euphorbia) **misera** (Calif, Sonora, Baja Calif) 1846,
 (Euphorbia) **radicans** (Arizona to Oaxaca) 1839,
 (Jatropha) **macrorhiza** (Texas, Arizona, Mex) 1839,
 (Jatropha) **nudicaulis** (Colombia, Ecuador) 1846,
 (Marsdenia) **coronata** (Queensland) 1869,
 (Marsdenia) **microlepis** (Queensland) 1869,
 (Mozinna) **canescens** (Baja Calif) 1844 → **Jatropha canescens** by J Muller Argoviensis 1866,
 (Pedilanthus) **macrocarpus** (Baja Calif, Santa Margarita Island, Sonora) 1844,
 (Pedilanthus) **retusus** (Brazil) 1854 → **Pedilanthus tithymaloides** ssp **retusus** by RL Dressler 1957,
 (Peperomia) **cotyledon** (Ecuador) 1844,
 (Plectranthus) **ciliatus** (eastern Africa) 1837,
 (Plectranthus) **cylindraceus** (eastern Africa, Arabia) 1848,
 (Plectranthus) **ecklonii** (Eastern Cape to Mpumalanga) 1848 (na CF Ecklon),
 (Plectranthus) **foetidus** (Queensland) 1832,
 (Plectranthus) **laxiflorus** (Tropical Africa to RSA) 1837,
 (Plectranthus) **petiolaris** (RSA) 1837,
 (Plectranthus) **saccatus** (Eastern Cape, Natal) 1837,
 (Plectranthus) **spicatus** (Eastern Cape, Natal, Mpumalanga) 1837,
 (Plectranthus) **strigosus** (Eastern Cape, Natal) 1837,
 (Plectranthus) **tomentosus** (RSA) 1838 → **Plectranthus hadiensis** var **tomentosus** by LEW Codd 1985,
 (Rhynchosia) **ficifolia** (Gauteng, North-West, Mpumalanga, Free State, Limpopo, Botswana) 1862
 → **Neorautanenia ficifolia** by CA Smith 1932,
 (Schinus) **discolor** (Baja Calif) 1844 → **Pachycormus discolor** by PC Standley 1923,
 (Sedum) **pumilum** (Calif) 1849 → **Sedella pumila** by NL Britton & JN Rose 1903,
 (Tetradenia) **fruticosa** (Mada) 1830;

transfer species:

“Ancistrostigma cypseloides” (E Fenzl 1834) → **Trianthema cypseloides** 1866,
 “Asparagus cuscutoides” (JG Baker 1875) → **Schizobasis cuscutoides** (w WJ Hooker] 1883,
 “Boucerosia edulis” (MP Edgeworth 1862) → **Caralluma edulis** [w JD Hooker] 1876,
 “Boucerosia sinaica” (J Decaisne 1844) → **Caralluma sinaica** [w JD Hooker] 1876,
 “Ocimum madagascariense” (CH Persoon 1807) → **Plectranthus madagascariensis** 1832;

desc variety:

(Plectranthus strigosus var) **lucidus** (Eastern Cape) 1848 → **Plectranthus lucidus** by EF van Jaarsveld 1997.



Benzing, David Hill (13 Oct 1937–); Eng;

Book [1990] Vascular Epiphytes: General Biology & Related Biota Cambridge, UK; Eng; 354p.



† **Bequaert**, (Prof) (Dr) **Joseph** Charles Corneille (24 May 1886–12 Jan 1982); {Bequaert}; Belgian entomologist, malacologist & botanist; PhD at Ghent Univ, Belgium 1908; botanist in Belgian Congo 1913–15; to US 1917; research associate at Amer Museum of Natural History 1917–22; instructor & prof of entomology at Harvard Medical School, 1923–45; curator of insects, Museum of Comparative Zoology at Harvard Univ, Cambridge, Massachusetts 1929–56; prof of biology at Univ of Houston, Texas 1956–60; entomologist at Univ of Arizona 1960~; collected in Belgian Congo & Liberia 1926–27 & 1943–44; spouse Frances A [née Brown] Bequaert;

disc species:

(Aloe) **seretii** (Zaire) 1914 (desc by EAJ de Wildeman 1921 & na Seret).

Bercht, (Dr) CA **Ludwig** (1945–); {C.A.L.Bercht}; Dutch cactus hobbyist; editor of Dutch & Belgian Soc journal, *Succulenta*; specialized in Gymnocalycium; collected in Antilles, Argentina, Bolivia, Paraguay, US & RSA;

disc species:

(Gymnocalycium) **berchtii** (San Luis) 1989 (desc & nah by GJA Neuhuber 1997).

Berg, Alexander (fl. 1840); {A.Berg}; Ger;

desc species:

(Mamm) **leuocentra** (Hidalgo) 1840 —> **Mamm geminispina** ssp **leuocentra** by DR Hunt 1997.



† **Berg**, (Prof) (Dr) Cornelis Christiaan [**Kees**] (7 Feb 1934–31 Aug 2012); {C.C.Berg}; Dutch botanist; PhD at Univ of Utrecht 1973; prof at Institute of Systematic Botany, Univ of Utrecht 1960–86; prof of botany at Univ of Bergen, Norway 1986–2005; dir of Norwegian Arboretum 1985–98; explored in Cameroun, Ivory Coast, Malawi, Nigeria, RSA, Zambia, Zimbabwe, Brazil, Bolivia, Colombia,

Costa Rica, Ecuador, French Guiana, Honduras, Jamaica, Panama, Peru, Puerto Rico, Surinam, Trinidad, Venezuela, s China, Thailand; interested in families Moraceae & Cecropiaceae;

Book [1999] *The genus Dorstenia* [w MEE Hijman] Norway; 211p;

species nah:

(Dorstenia) **bergiana** (Zaire) (desc & nah by MEE Hijman 1990).

† **Berg**, Ernst von (1782–1855); {Berg}; Ger landowner;

desc species:

(Polemannia) **hyacinthoides** (Mada) 1826 —> **Dipcadi hyacinthoides** by JG Baker 1871.

† **Berg**, (Miss) M van der;

species nah:

(Ruschia) **vanderbergiae** (Eastern Cape) (desc & nah by HML Bolus 1935).

† **Berg**, (Prof) (Dr) Otto Karl [Carl] (18 Aug 1815–20 Nov 1866); {O.Berg}; Ger pharmacist & botanist; PhD in pharmacy at Univ of Berlin 1848; prof of pharmaceutical botany at Berlin Univ 1848~; apouse Caroline Albertine Florentine [née Witthause] Berg;

Book [1853–63] *Darstellung und Beschreibung sämmtlicher in der Pharmacopoea Borussica aufgeführten Offizinellen Gewächse...* [w CF Schmidt as artist]; (in 4 vols); (includes drawings of Euphorbia resinifera & E. canariensis);

desc species:

(Euphorbia) **resinifera** (Atlas Mtns in Morocco) 1863 (disc by CJ Juba II c20BC).

† **Berg van Eysinga**, PP van den;

Book [1909] *Handleiding Bij Het Kweeken van Cactussen*; Dutch; 35p.

Berge, E

Book [1842] *Cacti from Das Buch der Welt*; Ger; (reprint 1996 w 17p).

† **Berge**, (Dr) Hermann (1845–1891); Swiss botanist & teacher; PhD at Universität Zürich 1876;

lecturer at Swiss Polytechnic Univ, Zurich;

Book [1877] *Beitrage Zur Entwicklungsgeschichte von Bryophyllum calycinum* = "Contributions on the History of the Development of Bryophyllum calycinum" Zurich, Switzerland; Ger; 111p.

† **Berge**, KFW;

Book [1832] *Anweisung Zur Zweckmassigen Behandlung der Cactuspflanzen* = "Directions to the Reasonable Handling of the Cactus Plants" Stuttgart, Ger; Ger; 48p.



† **Berger, Alwin** (28 Aug 1871–20 Apr 1931); {A.Berger}; Ger landscape gardener, botanist & succ researcher; specialist on Cactaceae; curator of Hortus Mortolensis, (Sir) Thomas Hanbury's famous garden at La Mortola, Italy, in Ventimiglia on the Cote d'Azur from 1897–1915 (successor to MK Dinter); employed at *Wilhelma* in Stuttgart, Ger 1915–22; to US 1923–26; dir of botany dept at Natural History Museum, Stuttgart 1926~; wrote many journal articles; spouse Elise [née Keller] Berger (–1944);

Books [1905] *A Systematic Revision of the Genus Cereus Mill.* St. Louis, Missouri; Eng; 30p (from Missouri Bot Gardens),

[1907] *Die Sukkulente Euphorbien* = "Manual of Succ Euphorbias" Stuttgart, Ger; Ger; 135p,

[1908] *Liliaceae-Asphodeloideae-Aloineae* Leipzig, Ger ; Ger; 347p; (reprint 1991),

[1908] *Mesembrianthemien und Portulacaceen* Stuttgart; Ger; 328p,

[1910] *Stapelieen and Kleinien* Stuttgart; Ger; 433p,

[1912] *Hortus Mortolensis* London, Eng; London, Eng; 468p (catalog of plants at La Mortola),

[1915] *Die Agaven, Beitrage zu Einer Monographie* Jena, Ger; Ger; 288p,

[1926] *Die Entwicklungslinien der Kakteen* = "The Evolutionary Lines of the Cacti" Jena; Ger; 105p,

[1929] *Kakteen* Stuttgart; Ger; 346p,

[1930] *Crassulaceae* Leipzig, Ger ; Ger; 133p (from Sonderdruck aus den Naturlichen Pflanzenfamilien, Vol 18a);

genera nah:

Bergeranthus (Cape) (desc & nah by MHG Schwantes 1926),

Bergerocactus (Calif, Baja Calif) (desc & nah by NL Britton & JN Rose 1909);

desc genera:

Afrovivella (Ethiopia) 1930,

Arthrocereus (Brazil) 1929,

Brasiliopuntia (Brazil, Peru, Paraguay, Bolivia, Argentina) 1926,

Chamaealoe (Cape) 1905,

Chortolirion (RSA, Lesotho, Angola Namibia Botswana, Zimbabwe) 1908,

Encephalocarpus 1929 (syn of Pelecypora EHRENBERG),

Epiphyllanthus 1905 (syn of Schlumbergera LEMAIRE),

Erythrorhipsalis 1920 (syn of Rhipsalis GAERTNER),

Hypagophytum (Ethiopia) 1930,

Pseudosedum (central Asia) 1930,

Pyrrhocactus 1929 (syn of Eriosyce PHILIPPI),

Roseocactus 1925 (na JN Rose) (syn of Ariocarpus SCHEIDWEILER),

Sinocrassula (Himalaya to western China) 1930,

Stephanocereus (Brazil) 1926;

species nah:

(Chortolirion) **bergerianum** (Namibia) (desc by MK Dinter 1914),

(Euphorbia) **bergeri** (desc & nah by NE Brown 1915),

(Mesemb) **bergerianum** (desc & nah by MK Dinter 1914),
 (Sedum) **bergeri** (Yunnan) (desc & nah by Raymond-Hamet 1909),
 (Stapelia) **bergeriana** (Namibia) (desc by MK Dinter 1914 & disc by MK Dinter 1912) —> **Stapelia schinzii** var **bergeriana** by LC Leach 1985;
desc species:
 (Adromischus) **bolusii** 1930 (na H Bolus),
 (Agave) **calodonta** 1912,
 (Agave) **cundinamarcensis** (Colombia) 1915,
 (Agave) **cupreata** [w WA Trelease] (Michoacan, Guerrero) 1915,
 (Agave) **debilis** (Hidalgo, state of Mex, Morelos, Michoacan, Oaxaca, Puebla) 1915,
 (Agave) **difformis** (San Luis Potosi, Hidalgo) 1915,
 (Agave) **gilbertii** 1904 (na J Gilbert Baker),
 (Agave) **gracillima** (Durango, Nayarit) 1915,
 (Agave) **parrasana** (Coahuila) 1906,
 (Agave) **pratensis** (Nayarit) 1915,
 (Agave) **vilmoriniana** (Mex) 1913 (na ML de Vilmorin),
 (Aloe) **affinis** (Mpumalanga) 1908,
 (Aloe) **asperifolia** (Namibia) 1905 (disc by FM Stapff 1885–86),
 (Aloe) **buettneri** (Benin, Ghana, Mali, Nigeria, Togo) 1905 (na OAR Buttner),
 (Aloe) **bussei** (Tanzania) 1908 (na W Busse),
 (Aloe) **chortolirioides** (Mpumalanga, Swaziland) 1908,
 (Aloe) **commixta** (Western Cape) 1908 (grown by HB Oldenland 1690s),
 (Aloe) **comosa** [w HWR Marloth] (Western Cape) 1905,
 (Aloe) **dawei** (Uganda, Kenya, Rwanda, Zaire) 1906 (disc by MT Dawe 1905 & nah),
 (Aloe) **deserti** (Tanzania, Kenya) 1905 (disc by GLA Volkens 1894),
 (Aloe) **dinteri** (Namibia) 1914 (disc by MK Dinter 1912),
 (Aloe) **divaricata** (Mada) 1905,
 (Aloe) **dorotheae** (Tanzania) 1908 (na Dorothy Westhead),
 (Aloe) **excelsa** (Limpopo, Malawi, Mozambique, Zambia, Zimbabwe) 1906 (disc by HWR Marloth 1903),
 (Aloe) **haemanthifolia** [w HWR Marloth] (Western Cape) 1905,
 (Aloe) **laeta** (Mada) 1908,
 (Aloe) **leptosiphon** (Tanzania) 1905,
 (Aloe) **linearifolia** (Natal) 1922,
 (Aloe) **marlothii** (Mozambique, Botswana, Swaziland, Gauteng, Natal, Mpumalanga, North-West, Limpopo) 1905 (disc by HWR Marloth 1905 & nah),
 (Aloe) **mayottensis** (Comoros Islands) 1908 (disc by H Boivin c1848),
 (Aloe) **melanacantha** (Namibia, Northern Cape) 1905,
 (Aloe) **paedogona** (Namibia, Angola) 1906,
 (Aloe) **parvula** (Mada) 1908,
 (Aloe) **pirottae** (Ethiopia, Kenya) 1905 (disc by D Riva & E Ruspoli & na PR Pirotta),
 (Aloe) **trichosantha** (Eritrea, Ethiopia) 1905,
 (Anacampseros) **tomentosa** (Namibia) 1908 —> **Anacampseros filamentosa** ssp **tomentosa** by M Gerbaulet 1992,
 (Apicra) **skinneri** (RSA) 1908 (na WJ Skinner),
 (Caralluma) **commutata** (Yemen, Ethiopia, Uganda, Kenya) 1910 —> **Orbea commutata** by PV Bruyns 2001,
 (Caralluma) **nebrownii** (Namibia) 1906 (disc by H Schinz 1885 & na NE Brown)

(Caralluma) **rangeana** [w MK Dinter] (Namibia) 1914 (disc by MK Dinter 1913 & na PT Range)
 —> **Orbea maculata** ssp **rangeana** by PV Bruyns 2001,
 (Caralluma) **schweinfurthii** (Rwanda Zambia, Zaire, Tanzania, Zimbabwe) 1910 (disc by FL Stuhlmann 1891 & na GA Schweinfurth) —> **Orbea schweinfurthii** by PV Bruyns 2001,
 (Caralluma) **sinaica** (Yemen) 1910,
 (Echeveria) **purpusorum** (Puebla) 1930 (na CA Purpus & JA Purpus),
 (Echeveria) **tobarensis** (Durango) 1930,
 (Echinocactus) **bodenbenderianus** (Argentina) 1929 (na W Bodenbender) —> **Gymnocalycium bodenbenderianum** by AW Hill 1933,
 (Echinocactus) **mandragora** (Coahuila, Nuevo Leon) 1929 —> **Turbinicarpus mandragora** by AD Zimmerman 1991,
 (Euphorbia) **aggregata** (Eastern Cape) 1907,
 (Euphorbia) **cooperi** (Zimbabwe, Limpopo, Natal) 1907 (disc by T Cooper 1861),
 (Euphorbia) **franckiana** (Eastern Cape) 1907 (na H Franck),
 (Euphorbia) **gorgonis** (Eastern Cape) 1910 (disc by CLP Zeyher c1840),
 (Euphorbia) **ledienii** (Eastern Cape) 1907 (disc by CLP Zeyher c1824 & na F Ledien),
 (Euphorbia) **multiceps** (Western Cape) 1905 (disc by HWR Marloth c1904),
 (Euphorbia) **pseudocactus** (Natal) 1907,
 (Euphorbia) **pteroneura** (Chiapas, Oaxaca, Veracruz) 1907,
 (Euphorbia) **stapfii** (Uganda) 1907 (disc by MT Dawe & na O Stapf),
 (Euphorbia) **triangularis** (Mozambique, Eastern Cape, Mpumalanga, Natal, Swaziland) 1907 (disc ≈1829),
 (Gymnocalycium) **hossei** (Argentina) 1929 (na CC Hosseus),
 (Haworthia) **chalwinii** [w HWR Marloth] (RSA) 1906 (disc by HWR Marloth 1905 & na HJ Chalwin),
 (Huernia) **schneideriana** (Tanzania) 1913 (disc by A Stolz c1912 & na CK Schneider),
 (Kalanchoe) **elizae** (Mozambique, Malawi) 1903 (na Eliza Berger),
 (Kleinia) **cylindrica** (Eastern Cape) 1905 —> **Senecio talinoides** ssp **cylindricus** by GD Rowley 1990,
 (Mesemb) **abruptum** (Western Cape) 1922 —> **Octopoma abruptum** by NE Brown 1930,
 (Mesemb) **annulatum** (Northern Cape, Western Cape) 1922 —> **Vanzijlia annulata** by HML Bolus 1927,
 (Mesemb) **bosscheanum** (Eastern Cape, Western Cape) 1908 (na L van den Bossche) —> **Faucaria bosscheana** by MHG Schwantes 1926,
 (Mesemb) **brunnthaleri** (Cape) 1922 (na J Brunnthaler) —> **Delosperma brunnthaleri** by HJ Jacobsen 1933,
 (Mesemb) **calculus** (Cape) 1908 (disc by HWR Marloth) —> to **Conophytum calculus** by NE Brown 1922,
 (Mesemb) **caroli-schmidtii** [w MK Dinter] (Great Namaq) 1914 (na K Schmidt) —> **Cheiridopsis caroli-schmidtii** by NE Brown 1926,
 (Mesemb) **clavulatum** (Cape, Little Namaq) 1922 —> **Psilocaulon clavulatum** by NE Brown 1928,
 (Mesemb) **cronemeyerianum** (Cape) 1922 (na G Cronemeyer) —> **Delosperma cronemeyerianum** by HJ Jacobsen 1960,
 (Mesemb) **dielsianum** (western Australia) 1922 (na FLE Diels) —> **Ruschia dielsiana** by HEK Hartmann 1998,
 (Mesemb) **diversipapillosum** (Cape) 1922 —> **Psilocaulon diversipapillosum** by NE Brown 1928,
 (Mesemb) **drepanophyllum** [w FRR Schlechter] (Western Cape) 1922 —> **Esterhuysenia drepanophylla** by HEK Hartmann 1998,
 (Mesemb) **dyckii** (RSA) 1922 (na JMF Salm-Dyck) —> **Lampranthus dyckii** by NE Brown 1930,
 (Mesemb) **elizae** [w MK Dinter] (Great Namaq) 1914 (na E Berger) —> **Juttadinteria elizae** by

HML Bolus 1928,
 (Mesemb) **englerianum** [w MK Dinter] 1914 (na HGA Engler) —> **Malephora engleriana** by MK Dinter & MHG Schwantes 1928,
 (Mesemb) **flos-solis** (Cape) 1911 —> **Dorotheanthus flos-solis** by HML Bolus 1958,
 (Mesemb) **gessertianum** [w MK Dinter] (Namibia) 1923 (na F Gessert) —> **Psilocaulon gessertianum** by MK Dinter & MHG Schwantes 1928,
 (Mesemb) **glareosum** (Greater Namaq) 1922 —> **Psilocaulon glareosum** by MK Dinter & MHG Schwantes 1928,
 (Mesemb) **haeckelianum** (Eastern Cape) 1910 (na EHP Haeckel) —> **Aptenia haeckeliana** by M Gerbaulet 2001,
 (Mesemb) **hesperanthum** [w MK Dinter] (Great Namaq) 1914 —> **Hereroa hesperantha** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **hookeri** (Northern Cape) 1908 (disc by P MacOwan c1873 & na JD Hooker)
 —> **Lithops hookeri** by MHG Schwantes 1928,
 (Mesemb) **leptarthron** (Western Cape) 1922 —> **Psilocaulon leptarthron** by NE Brown 1928,
 (Mesemb) **lunulatum** (Western Cape) 1922 —> **Lampranthus lunulatus** by HML Bolus 1958,
 (Mesemb) **macrocarpum** (Eastern Cape) 1922 —> **Lampranthus macrocarpus** by NE Brown 1930,
 (Mesemb) **maximiliani** [w FRR Schlechter] (Western Cape) 1922 (na M Schlechter)
 —> **Braunsia maximiliani** by MHG Schwantes 1928,
 (Mesemb) **melanospermum** (SWAfrica) 1922 —> **Psilocaulon melanospermum** by NE Brown 1928,
 (Mesemb) **mentiens** (Namibia) 1922 —> **Psilocaulon mentiens** by NE Brown 1928,
 (Mesemb) **modestum** [w MK Dinter] (Namaq) 1914 —> **Psammophora modesta** by MK Dinter & MHG Schwantes 1926,
 (Mesemb) **molle** (RSA) 1908 —> **Ruschia mollis** by MHG Schwantes 1929,
 (Mesemb) **nodosum** (Western Cape) 1922 —> **Dicrocaulon nodosum** by NE Brown 1928,
 (Mesemb) **ochraceum** (RSA) 1908 —> **Malephora ochracea** by HEK Hartmann 2001,
 (Mesemb) **polypetalum** [w FRR Schlechter] (Cape) 1922 —> **Erepsia polypetala** by HML Bolus 1950,
 (Mesemb) **pseudotruncatellum** (Namibia) 1908 (disc by MK Dinter 1897) —> **Lithops pseudotruncatella** by NE Brown 1922,
 (Mesemb) **pungens** (Eastern Cape) 1922 —> **Ruschia pungens** by HJ Jacobsen 1958,
 (Mesemb) **puttkamerianum** [w MK Dinter] (Great Namaq) 1914 (? JAE von Puttkamer?)
 —> **Hereroa puttkameriana** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **rehneltianum** (Western Cape) 1908 (na F Rehnelt) —> **Hereroa rehneltiana** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **rogersii** [w S Schonland] (na FA Rogers) —> **Delosperma rogersii** by HML Bolus 1929,
 (Mesemb) **rustii** (Western Cape) 1922 (na JC Rust) —> **Lampranthus rustii** by NE Brown 1930,
 (Mesemb) **schneiderianum** (Namaq) 1922 (na C Schneider) —> to **Eberlanzia schneideriana** by HEK Hartmann 1998,
 (Mesemb) **sedoides** [w MK Dinter] (Namaq) 1914 —> **Eberlanzia sedoides** by MHG Schwantes 1926,
 (Mesemb) **subnodosum** (Namaq) 1922 —> **Psilocaulon subnodosum** by NE Brown 1928,
 (Mesemb) **tradescantoides** (Eastern Cape) 1910 —> **Delosperma tradescantoides** by HML Bolus 1927,
 (Mesemb) **tulbaghense** (Western Cape) 1922 —> **Lampranthus tulbaghensis** by NE Brown 1930,
 (Mesemb) **vallis-gratiae** [w FRR Schlechter] (Western Cape) 1922 —> **Lampranthus vallis-gratiae** by NE Brown 1930,
 (Mesemb) **vespertinum** (Eastern Cape) 1908 —> **Bergeranthus vespertinus** by MHG Schwantes 1926,

(Mesemb) **wettsteinii** (Namaq) 1908 (na R von Wettstein) —> **Conophytum wettsteinii** by NE Brown 1926,
 (Moringa) **ovalifolia** [w MK Dinter] (Angola, Namibia) 1914,
 (Opuntia) **exaltata** (Ecuador, Peru, Bolivia, n Chile) 1912 —> **Austrocylindropuntia subulata** ssp **exaltata** by DR Hunt 2002,
 (Opuntia) **moelleri** (Coahuila) 1929 (na H Moeller) —> **Corynopuntia moelleri** by FM Knuth 1936,
 (Opuntia) **schumannii** (n S Amer) 1904 (na KM Schumann),
 (Sedum) **triactina** (China, Tibet, Nepal, Bhutan, Sikkim) 1930,
 (Stapelia) **schinzii** [w FRR Schlechter] (Namibia, Botswana) 1909 (disc by H Schinz 1886 & nah),
 (Tavaresia) **grandiflora** (Namibia) 1910 (disc by H Schinz 1885),
 (Trichocaulon) **dinteri** (Namibia) 1910 (disc by MK Dinter ≈1906 & nah) —> **Larryleachia dinteri** by DCH Plowes 1996;

transfer species:

“Boucerosia adenensis” (A Deflers 1896) —> **Caralluma adenensis** 1910,
 “Boucerosia awdeliana” (A Deflers 1896) —> **Caralluma awdeliana** 1910,
 “Boucerosia maroccana” (JD Hooker 1874) —> **Caralluma europaea** var **maroccana** 1910,
 “Bravoa singuliflora” (S Watson 1887) —> **Agave singuliflora** 1915,
 “Cactus brasiliensis” (KL von Willdenow 1814) —> **Brasiliopuntia brasiliensis** 1926,
 “Cactus broadwayi” (NL Britton & JN Rose 1922) —> **Melocactus broadwayi** 1926.
 “Cactus moniliformis” (C Linnaeus 1753) —> **Consolia moniliformis** 1926,
 “Caralluma scutellata” (A Deflers 1896) —> **Echidnopsis scutellata** 1910,
 “Cereus leucostele” (RLA Gurke 1908) —> **Stephanocereus leucostele** 1926,
 “Cotyledon chidlensis” (J Ball 1887) —> **Echeveria chidlensis** 1930,
 “Cotyledon cooperi” (JG Baker 1869) —> **Adromischus cooperi** 1930,
 “Cotyledon eurychlamys” (FLE Diels 1906) —> **Echeveria eurychlamys** 1930,
 “Cotyledon excelsa” (FLE Diels 1906) —> **Echeveria excelsa** 1930,
 “Cotyledon japonica” (CJ Maximowicz 1883) —> **Orostachys japonica** 1930,
 “Cotyledon lievenii” (CF von Ledebour 1830) —> **Pseudosedum lievenii** 1930,
 “Cotyledon marianiae” (HWR Marloth 1907) —> **Adromischus marianiae** 1930,
 “Cotyledon montium-klingshardtii” (MK Dinter 1923) —> **Adromischus montium-klingshardtii** 1930,
 “Cotyledon Sempervivum” (FAM von Bieberstein 1789) —> **Rosularia sempervivum** 1930,
 “Cotyledon serrata” (C Linnaeus 1753) —> **Rosularia serrata** 1930,
 “Cotyledon spinosa” (C Linnaeus 1753) —> **Orostachys spinosa** 1930,
 “Cotyledon triflora” (C von Linne *fil.* 1782) —> **Adromischus triflorus** 1930,
 “Crassula indica” (J Decaisne 1858) —> **Sinocrassula indica** 1930,
 “Crassula yunnanensis” (AR Franchet 1896) —> **Sinocrassula yunnanensis** 1930,
 “Decabelone grandiflora” (KM Schumann) —> **Tavaresia grandiflora**,
 “Diotostemon hookeri” (Salm-Dyck 1854) —> **Pachyphytum hookeri** 1930,
 “Echinocactus maassii” (E Heese 1907) —> **Parodia maassii** 1929,
 “Echinocactus spiniflorus” (KM Schumann 1903) —> **Echinopsis spiniflora** 1929,
 “Gormaniana laxa” (NL Britton 1903) —> **Sedum laxum** 1930,
 “Haworthia angolensis” (JG Baker 1878) —> **Chortolirion angolense** 1908,
 “Haworthia stenophylla” (JG Baker) —> **Chortolirion stenophyllum** 1908,
 “Haworthia subspicatum” (JG Baker) —> **Chortolirion subspicatum** 1908,
 “Haworthia tenuifolium” (HGA Engler) —> **Chortolirion tenuifolium** 1908,
 “Mamm andreae” (JA Purpus & F Boedeker) —> **Coryphantha andreae** 1929,
 “Mamm delaetiana” (L Quehl 1908) —> **Coryphantha delaetiana** 1929,

“Manfreda jaliscana” (JN Rose 1903) → **Agave jaliscana** 1915,
 “Neomammillaria albicans” (NL Britton & JN Rose 1923) → **Mamm albicans** 1929,
 “Neomammillaria longicoma” (NL Britton & JN Rose 1923) → **Mamm longicoma** 1929,
 “Neomammillaria longiflora” (NL Britton & JN Rose 1923) → **Mamm longiflora** 1929,
 “Opuntia macracantha” (AHR Grisebach 1866) → **Consolea macracantha** 1926,
 “Sedum ambigua” (RL Praeger 1921) → **Sinocrassula ambigua** 1930,
 “Sedum chanetii” (AAH Leveille 1908) → **Orostachys chanetii** 1930.
 “Sempervivum abyssinicum” (A Richard 1847) → **Hypagophytum abyssinicum** 1930,
 “Sempervivum carpathicum” (I Prodan 1923) → **Sempervivum montanum** ssp **carpathicum** 1930.
 “Stapelia juvencula” (NJ von Jacquin 1806–19) → **Stapelia vetula** var **juvencula** 1910,
 “Tillaea alata” (D Viviani 1830) → **Crassula alata** 1930,
 “Tillaea connata” (H Ruiz & JA Pavon 1798) → **Crassula connata** 1930;
 “Umbilicus elymaiticus” (PE Boissier & HC Haussknecht 1872) → **Rosularia elymaitica** 1930,
 “Umbilicus fimbriatus” (PKN Turczaninov 1844) → **Orostachys fimbriata** 1930,
 “Umbilicus glaber” (EA von Regel & E Winkler 1879) → **Rosularia glabra** 1930,
 “Umbilicus globulariifolius” (E Fenzl 1842) → **Rosularia globulariifolia** 1930,
 “Umbilicus haussknechtii” (PE Boissier & GF Reuter 1872) → **Rosularia haussknechtii** 1930,
 “Umbilicus lineatus” (PE Boissier 1847) → **Rosularia lineata** 1930,
 “Umbilicus platyphyllus” (AG von Schrenk 1841) → **Rosularia platyphylla** 1930,
 “Umbilicus semiensis” (A Richard 1847) → **Afrovivella semiensis** 1930;

desc variety:

(Caralluma europaea var) **marmaricensis** (Libya) 1910 (disc by GA Schweinfurth 1883,
 (Caralluma europaea var) **simonis** (Algeria, Tunisia) 1910,
 (Echidnopsis cereiformis var) **brunnea** (Eritrea) 1902,
 (Echidnopsis cereiformis var) **obscura** (Eritrea) 1902,
 (Euphorbia cereiformis var) **submammillaris** 1902 → **Euphorbia submammillaris** by him 1907,
 (Haworthia bolusii var) **aranea** (Cape) 1908 → **Haworthia arachnoidea** var **aranea** by MB Bayer 1999,
 (Stapelia kwebensis var) **longipedicellata** (Namibia) 1910 (disc by H Schinz 1885) → **Stapelia**

longipedicellata by NE Brown 1913;

transfer variety:

“Sedum indicum var densirosulatum” (RL Praeger 1919) → **Sinocrassula densirosulata** 1930,
 “Stapelia mutabilis var bicolor” (H Dammann 1896) → **Stapelia bicolor** 1910.

Berger, Eliza; spouse A Berger;

species nah:

(Kalanchoe) **elizae** (Mozambique, Malawi) (desc & nah by A Berger 1903),
 (Mesemb) **elizae** (Great Namaq) (desc & nah by A Berger & MK Dinter 1914) → **Juttadinteria elizae** by
 HML Bolus 1928.

Berger, HAC; {H.Berger}; Ger;

disc species:

(Parodia) **alacriportana** (Rio Grande do Sul, Santa Catarina) 1939 (desc by C Backeberg & O Voll 1950).

Berger, Józef [Josef]; Warsaw, Poland; book-printer; cactus enthusiast;

Book [1882] *Rodzina Kaktusów* = “The Cactus Family” Warsaw, Poland; Polish; 233p; (rare book w
 24 woodcuts of cacti by author; reprint 1969 by Polish Cactus Soc).

Berger, Markus (26 Aug 1974–);
Book [2003] *Psychoaktive Kakteen*; 126p.

Berger, Siegfried; Haruchas, Great Namaq;
disc species:

(Stapelia) **marientalensis** (Namibia, Botswana, Northern Cape) 1933 (desc by GC Nel 1935)
—> **Tridentea marientalensis** by LC Leach 1978.

Bergera, J;
Book [1882] *Rodzina Kaktusow* Warsaw, Poland.

† **Bergh**, (Mrs) J (fl. 1937);

species nah:

(Mesemb) **berghiae** (Western Cape) (desc & nah by HML Bolus 1938) —> **Lampranthus berghiae** by HML Bolus 1939.

† **Bergius**, Bengt [Benedictus] (2 Sep 1723–28 Oct 1784); {Bergius}; Swedish amateur botanist & natural historian; member of Academy of Sciences 1766 & pres 1769 & 1780;

desc species:

(Crassula) **cymosa** (Western Cape) 1767,

(Crassula) **glomerata** (Western Cape, Eastern Cape) 1767.



† **Bergius**, (Prof) (Dr med) Peter [Petrus] Jonas (6 Jul 1730–10 Jul 1790); {P.J.Bergius}; Swedish physician & botanist; student of C Linnaeus w MD 1754; prof of natural history & pharmacy at Collegium Medicum, Stockholm 1761~; worked w collectors of that period of time on botanical collections, including plants from CP Thunberg;

Book [1767] *Descriptiones Plantarum ex Capite Bonae....* Stockholm, Sweden; 360p; (based on plants collected by JA Auge at Cape, RSA);

species nah:

(Euphorbia) **bergii** (Free State, Northern Cape) (desc & nah by BL Sloane, AC White & RA Dyer 1941 & disc by HWR Marloth).

† **Bergzabern**, (Dr med) Jakob Theodor von (1522–Aug 1590); [known also as Jacobus Theodorus von Tabernaemontanus]; Ger herbalist & physician; physician to Count of Palatine at Heidelberg, Ger; took 36 yrs to produce his herbal;

Book [1590] *The Herbal Eicones Plantarum Seu Stirpium.....*; illustrated both globular & columnar cacti in this herbal; included in some 2,300 woodcuts.

Berilloni, (Dr) Edgar;

species nah:

(Sedum) **berillonianum** (Peru) (desc & nah by Raymond-Hamet 1913 & disc by A Weberbauer 1910).

† **Berk**, Horst (27 Apr 1928–16 Oct 2003); Ger hobbyist; interested in Mamm & philately; IOS member 1996; spouse Inge Berk;

Book [1989] *Kakteen und andere Sukkulente in der Philatelie* Munster, Ger; Ger; 204p.

† **Berlandier**, (Dr med) Jean Louis (1803–May 1851); {Berland.}; French naturalist, physician & anthropologist; student of AP de Candolle & sent to Mex to collect in Mex & Texas 1826–30; sent cacti to

GT Engelmann;

Book [1980] *Journey to Mex during the years 1826 to 1834* Austin, Texas; Eng; (in 2 Vols);

Vol 1; 287p;

Vol 2; 385p;

species nah:

(Cereus) **berlandieri** (Texas) (desc & nah by GT Engelmann 1856) —> **Echinocereus berlandieri** by FA Haage 1859,

(Jatropha) **berlandieri** (Mex) (desc & nah by J Torrey 1859);

disc species:

(Echinocactus) **texensis** (Texas, New Mex, Chihuahua, Nuevo Leon Coahuila, Tamaulipas) 1836 (desc by C Hopffer 1842);

desc species:

(Jatropha) **cathartica** [w M de M y Teran] (Texas, Mex) 1832.

Bernath, Stefen; US nature artist & author/illustrator;

Book [1981] *Cactus Coloring Book* [w CS Ripps on introduction & captions] NY; Eng; 46p.



† **Bernetzke**, Charles [Chas] R (fl. 1917); US;

Book [1917] *Cactus & Blossoms* Los Angeles, Calif; Eng; 47p; (book of poems).

Bernzott, [née Schmidt,] Marilyn Ann;

Book [1987] *Annotated Checklist of Vascular Plants of Grand Canyon Natl Park* [w BG & AM Phillips] Grand Canyon, Arizona; Eng; 79p.

Berquist, Paul & Shirley; US;

Book [1997] *Saguaro Cactus* Danbury, Connecticut; Eng; 32p.

Berrisford, (Mr) G;

disc genus:

Berrisfordia (Namaq) 1931 (desc & nah by HML Bolus 1932) (syn of Conophytum N.E.BROWN);

disc species:

(Berrisfordia) **khamiesbergensis** (Little Namaq) 1931 (desc by HML Bolus 1932) —> **Conophytum khamiesbersense** by MHG Schwantes 1950.



† **Berthelot**, (Dr) Sabine (4 Apr 1794–10 Nov 1880); {Berth. or Berthel.}; French naturalist & ethnologist to Canary Islands 1820; dir of bot gardens at La Orotava on Tenerife 1820–30; French consul at Santa Cruz de Tenerife 1847~; explored in Canary Islands;

Book [1836–1850] *L'Histoire Naturelle des Îles Canaries* [w PB Webb] Paris, France; (in 2 parts);

[1836–1841] Part 1; 220p;

[1842–1850] Part 2; 596p;

desc genera:

Aeonium* (Canary Islands, Morocco, Ethiopia, Somalia, Kenya, Tanzania, Uganda, Cape Verde Islands, Madeira Islands, Yemen) 1840,

Aichryson* (Canary Islands, Madeira Islands & Azores Islands) 1840,

Greenovia* (Canary Islands) 1841;

*with P Barker-Webb

species nah:

(Euphorbia) **berthelotii** (Canary Islands) (desc & nah by PE Boissier 1862),

desc species:

(Aeonium) **balsamiferum*** (Canary Islands) 1840,

(Aeonium) **ciliatum*** (Canary Islands) 1841,

(Aeonium) **cuneatum*** (Canary Islands) 1841,

(Aeonium) **goochiae*** (Canary Islands) 1840 (na (Mrs) Webb [née Gooch]),

(Aeonium) **haworthii*** (Canary Islands) 1840 (na AH Haworth) —> **Sempervivum haworthii** by

KHH Christ 1888,

(Aeonium) **lindleyi*** (Canary Islands) 1840 (na J Lindley),

(Aeonium) **undulatum*** (Canary Islands) 1841,

(Euphorbia) **regis-jubae*** (Canary Islands) 1846 (na King Juba II),

(Petrophytes) **brachycaulos*** (Canary Islands) 1841 —> **Monanthes brachycaulos** by RT Lowe 1869,

(Umbilicus) **heylandianus*** (Spain, Portugal, Canary Islands) 1840 (na J-C Heyland),

(Zygophyllum) **fontanesii*** (Canary Islands) 1836;

*w PB Webb

transfer species:

“Sempervivum arboreum” (C Linnaeus 1753) —> **Aeonium areboreum*** 1840,

“Sempervivum aureum” (C Smith) —> **Greenovia aurea*** 1840,

“Sempervivum canariense” (C Linnaeus 1753) —> **Aeonium canariense*** 1841,

“Sempervivum glandulosum” (W Aiton 1789) —> **Aeonium glandulosum*** 1840,

“Sempervivum glutinosum” (W Aiton 1789) —> **Aeonium glutinosum*** 1840,

“Sempervivum punctatum” (JHF Link 1828) —> **Aichryson punctatum*** 1840,

“Sempervivum smithii” (J Sims 1818) —> **Aeonium smithii*** 1840,

“Sempervivum tabuliforme” (AH Haworth 1819) —> **Aeonium tabuliforme*** 1840,

“Sempervivum tortuosum” (W Aiton 1789) —> **Aichryson tortuosum*** 1840,

“Sempervivum urbicum” (JW Hornemann 1819) —> **Aeonium urbicum*** 1841,

“Sempervivum villosum” (W Aiton 1789) —> **Aichryson villosum*** 1840.

*w PB Webb

Berthold, Wolfgang;

Book [1985–88] *Lieferungswerk Die Mammillariae* [w T Linzen & B Hofmann] Potsdam, Ger; Ger; (in 4 Parts);

[1985] Part 1; 36p w 16 color plates;

[1986] Part 2; 48p w 16 color plates;

[1986] Part 3; 36p;

[1988] Part 4; 60p.

† **Bertin**, Pierre (1800–1891); {Bertin}; Belgian nurseryman; explored & collected in Patagonia;

species nah:

(Cereus) **bertini** (Argentina, Chile) (desc & nah by F Herincq 1863 & disc by JF Cels 1855)

—> **Austrocactus bertinii** by NL Britton & JN Rose 1922.

Bertram, Paul; Ger clergyman & cactus hobbyist in Erfurt, Ger;

species nah:

(Trichocereus) **bertramianus** (Bolivia) (desc & nah by C Backeberg 1935) —> **Echinopsis tarijensis** ssp

bertramiana by M Lowry 2002.

† **Bertrand**, André Daniel Marcel (27 Feb 1912–30 Dec 1986); {A.Bertrand}; French associate of a museum; founding member & pres of French Cactus Soc; IOS member 1957;

Book [1935] *Cactees* [w A Guillaumin] Paris, France; French; 126p; Eng edition 1952 w 94p,
[1951] *Plantes Grasses, Autre Que Les Cactées* Paris; French; 124p; (1959 edition in Eng by Vera Higgins),

[1952] *Mes Cactus* Paris; French; 32p,

[1953] *Succulent Plants other than Cacti* London, Eng; Eng; 112p w 30p of plates;

desc genus:

Guillauminia (Mada) (na A Guillaumin) 1956;

transfer species:

"*Stapelia montagnacii*" (PL Boiteau 1941) —> **Stapelianthus montagnacii** [w PL Boiteau] 1950.

† **Beschorner**, (Dr med) Friedrich Wilhelm Christian (23 Mar 1806–20 Dec 1873); Ger physician & amateur botanist; dir of Institute of Public Assistance & Lunatic Asylum at Owinsk, Poland;

genus nah:

Beschorneria (Mex) (desc & nah by CS Kunth 1850).



† **Besler**, Basil [Basilius] (13 Feb 1561–13 Mar 1629); {Besler}; Ger apothecary & botanist; manager of gardens of Prince Bishop of Eichstätt, Ger; documenter in *Hortus Eystettensis* of gardens at Eichstätt which depicted one of earliest engravings of a cactus in European literature;

Book [1613] *Hortus Eystettensis* Nuremberg, Ger; 850p w 367 engraved & hand-colored plates of plants & flowers by Wolfgang Kilian (1581–1662), Dominicus & Raphael Custos, Johann Leypold, Friedrich van Hulsen, Peter Isselburgh, Servatius Raeven & Heinrich Ulrich; includes less than 1% succ; (reduced edition 1964).

(**This book** was the first book to portray flowering plants as objects of beauty while earlier books were only on herbal subjects.)



† **Bessey**, (Prof) (Dr hc) Charles Edwin (21 May 1845–25 Feb 1915); {Bessey}; US botanist, horticulturist, conservationist & educator; BS in botany 1869 & honorary MS 1872 at Michigan Agricultural College; prof of botany, zoology & horticulture at Iowa Agriculture College, Ames 1870–84; student of A Gray at Harvard Univ during summers of 1872, 73 & 75; honorary PhD at

Univ of Iowa, Iowa City 1879 & LLD at Grinnell College, Iowa 1898; prof of botany at Univ of Nebraska, Lincoln, Nebraska 1884~; received numerous honors from various societies & associations; spouse Lucy [née Athearn] Bessey (1847–19?);

genus nah:

Neobesseyia (desc & nah by NL Britton & JN Rose 1923) (syn of Escobaria B&R).

† **Beswick**, (Mr) ? (fl. 1922); RSA; succ enthusiast & grower of succ in Queenstown, Eastern Cape;

species nah:

(Mesemb) **beswickii** (Gauteng) (desc & nah by HML Bolus 1922) —> **Khadia beswickii** by NE Brown 1931.



† **Bethencourt**, [Béthencourt, Betancourt to Canary Islanders] Jean [Juan] de (1362–1425); Norman (French) navigator & knight; conquered (for Spain) island Lanzarote in Canary Islands 1402 & islands Fuerteventura & El Hierro by 1405; spouse Jeanne [née de Fayel] Bethencourt;

species nah:

(Aichryson) **bethencourtianum** (Canary Islands) (desc & nah by CA Bolle 1859).

Betten, Robert;

Book [1911] *Blumenzuecht im Zimmer* Frankfurt, Ger; Ger; 316p; (6th enlarged & revised edition).

† **Bettencourt**, Harry; US; Oakland, Calif; explored & collected plants in western coast of Mex;

disc species:

(Echinocereus) **stoloniferus** [w F Radley & ? Parsons] (Sonora) 1934 (desc by WT Marshall 1938).



Betzler, Joseph [Joey] A; US; pres of San Diego C&SS; CSSA BoD; specializes in Asclepiads;

Book [1987] *Accession Records for Stapelieae in the Collection of J.A. Betzler* San Diego, Calif; Eng; 101p.

† **Beukmann**, (Mr) C; RSA; school teacher at Bonnievale, Western Cape; collected in Western Cape;

disc species:

(Stapelia) **arenosa** (Northern Cape, Western Cape) 1935 (desc by CA Luckhoff 1935);

variety nah:

(Haworthia emelyae var) **beukmanii** (Western Cape) (desc & nah by JKL von Poellnitz 1940)

—> *Haworthia mirabilis* var **beukmanii** by MB Bayer 1999.

Beyleveld, GP;

Book [1973] *Aalwyne in Die Tuin* = "Aloes in the Garden" Cape Town, RSA; 54p w 36 color illustrations.

Bgr., — See A Berger.

Bhattacharyya, Upendra Chandra (1933–); {U.C.Bhattach.};

desc variety:

(Rhodiola imbricata var) **lobulata** [w NB Singh] (India, Nepal) 1985 —> **Rhodiola lobulata** by H Ohba 1986,

(Sinocrassula indica var) **paniculata** [w NB Singh] (India) 1985.

† **Bhide**, RK (fl. 1902); {Bhide}; Indian botanist; keeper of herbarium at College of Science, Poona, India;

species nah:

(Kalanchoe) **bhidei** (India) (desc & nah by T Cooke 1903).

Biagi, JA; {Biagi};

desc species:

(Raphionacme) **arabica** [w AG Miller] (Oman) 1988.

Bickerich, G;

Book [c1920] *Das A-B-C der Kakteenpflege* = "The A-B-C's of Cactus Care" Berlin, Ger; Ger; 16p,

[c1920] *Kulturanleitung fur Kakteen und Andere Sukkulente* = "How to Care For Your C&OS"; Ger; 16p.



† **Bieberstein**, (Baron) Friedrich August **Marschall** von (30 Jul 1768–28 Jun 1826);

{M.Bieb.}; Ger botanist; curator of Flora Taurica Caucasia; collected in the Caucasus; spouse Caroline of Veltheim;

desc species:

(Cotyledon) **sempervivum** (Turkey, Iran, Armenia, Azerbaidzhan) 1789 → **Rosularia sempervivum** by A Berger 1930,
(Sedum) **pallidum** (Georgia A, Russia, Iran, Turkey, Bulgaria) 1808,
(Sedum) **pilosum** (Turkey, Georgia A, Armenia, Caucasasia) 1808 → **Prometheum pilosum** by H Ohba 1978,
(Sedum) **sempervivoides** (Turkey, Georgia A, Armenia, Caucasasia, Iran) 1819
→ **Prometheumsempervivoides** by H Ohba 1978,
(Sedum) **spurium** (Georgia A, Iran, Turkey) 1808 → **Phedimus spurium** by H 't Hart 1995,
(Sedum) **tenellum** (Georgia A), Turkey, Iran) 1819,
(Sempervivum) **pumilum** (Russia) 1808.



Biebl, Wolfgang (fl. 1995); Ger cactus collector;

disc species:

(Pygmaeocereus) **bieblii** (Peru) (desc & nah by L Diers 1995).



† **Bierbaum**, Otto Julius (28 Jun 1865–1 Feb 1910); Ger journalist & writer;

Book [1898] *Kaktus & Andere Künstlergeschichten* Berlin, Ger; Ger; 210p; (collection of short stories w 'Kaktus' story on p53–93).

† **Bigelow**, (Prof) (Dr med) John Milton (23 Jun 1804–18 Jul 1878); {J.M.Bigelow}; US army surgeon & amateur botanist; MD at Medical College of Ohio, Cincinnati 1832; prof of botany at Detroit Medical College, Michigan; US army surgeon & botanist on WH Emory Mex-US Boundary survey expedition to sw US 1848–53 & on AW Whipple Pacific Railroad survey expedition 1853–54; botanized in n to s Calif; worked w J Torrey & GT Engelmann; spouse Maria L [née Meiers] Bigelow;

Book [1856] *Description of the Cactaceae Collected on Route near the Thirty-fifth Parallel (1853–54)* [w GT Engelmann] DC; Eng; Part 3 w 32p;

species nah:

(Dasylirion) **bigelovii** (Arizona) (desc & nah by J Torrey 1857) → **Nolina bigelovii** by S Watson 1879;

disc species:

(Cereus) **ctenoides** (Texas, Coahuila, Chihuahua) 1853 (desc by G Engelmann 1856) → **Echinocereus pectinatus** ssp **ctenoides** by GRW Frank 1997,

(Cereus) **longisetus** (Coahuila) 1853 (desc by GT Engelmann 1856) → **Echinocereus longisetus** by AC Lemaire 1868,

(Echinocactus) **lecontei** (Calif, Arizona, Nevada, Utah, Sonora) 1854 (desc by GT Engelmann 1856 & na JL LeConte) → **Ferocactus cylindraceus** ssp **lecontei** by NP Taylor 1998,

(Mamm) **meiacantha** (New Mex, Texas, Arizona, Coahuila to Zacatecas) 1853 (desc by GT Engelmann 1856) → **Mamm heyderi** ssp **meiacantha** by DR Hunt 1997,

(Mamm) **tuberculosa** (Texas, New Mex, Chihuahua, Coahuila, Durango, Nuevo Leon) 1852 (desc by GT Engelmann 1856) → **Escobaria tuberculosa** by NL Britton & JN Rose 1923,

(Opuntia) **bigelovii** (Arizona, Calif, Nevada, New Mex, Sonora, Lower Calif) 1854 (desc & nah by GT Engelmann 1856) → **Cylindropuntia bigelovii** by FM Knuth 1936,

(Opuntia) **rufida** (Texas, Chihuahua, Coahuila, Durango) 1852 (desc by GT Engelmann 1856),

(Yucca) **angustissima** (Utah, Arizona, New Mex) 1853/54 (desc by WA Trelease 1902),

(Yucca) **thompsoniana** (Texas, Chihuahua, Coahuila, Nuevo Leon) 1852 (desc by WA Trelease 1911 & na CH Thompson);

desc species:

(Cereus) **mojavensis** [w GT Engelmann] (Baja Calif, Calif, Arizona, Nevada, Utah) 1856 —> **Echinocereus triglochiciatus** ssp **mojavensis** by W Blum & M Lange 1998,

(Echinocactus) **polyancistrus** [w G Engelmann] (Calif, Nevada) 1856 —> **Sclerocactus polyancistrus** by NL Britton & JN Rose 1922,

(Echinocactus) **polycephalus** [w GT Engelmann] (Nevada, Calif, Arizona, Sonora) 1856,

(Echinocactus) **whipplei** [w GT Engelmann] (Arizona, Utah) 1856 (disc by JM Bigelow 1853 & na AW Whipple) —> **Sclerocactus whipplei** by NL Britton & JN Rose 1922,

(Opuntia) **acanthocarpa** [w GT Engelmann] (Arizona, Calif, Nevada, Utah, Baja Calif, Sonora) 1856 (disc by JM Bigelow 1854) —> **Cylindropuntia acanthocarpa** by FM Knuth 1936,

(Opuntia) **basilaris** [w GT Engelmann] (Arizona) 1856 (disc by JM Bigelow 1854)

(Opuntia) **chlorotica** [w GT Engelmann] (Sonora, Baja Calif, Chihuahua, New Mex, Arizona, Utah, Nevada, Calif) 1856 (disc by JM Bigelow 1853),

(Opuntia) **davisii** [w GT Engelmann] (Texas, New Mex, Oklahoma) 1856 (na J Davis) —> **Cylindropuntia davisii** by FM Knuth 1936,

(Opuntia) **echinocarpa** [w GT Engelmann] (Nevada, Arizona, Calif, Sonora, Baja Calif) 1856 —> **Cylindropuntia echinocarpa** by FM Knuth 1936,

(Opuntia) **whipplei** [w GT Engelmann] (New Mex, Arizona, Colorado, Utah) 1856 (disc by JM Bigelow 1853 & na AW Whipple) —> **Cylindropuntia whipplei** by FM Knuth 1936.



†**Bijl**, [Byl,] [née Malan,] Deborah [Dora] Susanna van der (20 Sep 1872–2 Feb 1942); RSA naturalist; from farm *Abrahamskraal*, Prince Albert, Western Cape; founder & first pres of ‘S African Succ Soc’ 1931–38; sent plants collected by her & MM Helm to FR Long, RA Dyer & NE Brown; joined C&SS of GB & US; corresponded w HML Bolus; spouse Wm van der Bijl (1866–1934), paleontologist;

genus nah:

Bijlia (Cape) (desc & nah by NE Brown 1928);

species nah:

(Aridaria) **bijliae** (Cape) (desc & nah by NE Brown 1928) —> **Sphalmanthus bijliae** by HML Bolus 1967,

(Conicosia) **bijliae** (Cape) (desc & nah by NE Brown 1931),

(Perissolobus) **bijliae** (Eastern Cape) (desc & nah by NE Brown 1931) —> **Machairophyllum bijlii** by HML Bolus 1938.

(Ruschia) **bijliae** (Western Cape) (desc & nah by HML Bolus 1928);

disc species:

(Duvalia maculata var) **immaculata** (Western Cape) (desc by CA Luckhoff 1937) —> **Duvalia immaculata** by LC Leach 1989.

Bilaidi, Ali Salah (fl. 1962–1971); {Bilaidi};

desc species:

(Aloe) **abyssicola** [w JJ Lavranos] (Yemen) 1971 (disc by them 1969),

(Stultitia) **araysiana** [w JJ Lavranos] (Yemen) 1971 —> **Orbea araysiana** by PV Bruyns 2001.

Bilton, Ray;

Book [1984] *Exotic Indoor Plants* [w CF Innes & W Davidson] London; Eng; 159p w 329 color photos; (30p by CF Innes on succ).



† **Bingham**, (Prof) (Dr) Hiram III (19 Nov 1875–6 Jun 1956); US archeologist, historian & politician; in US army & a US governor & senator; PhD at Harvard Univ 1905; prof at Yale Univ 1907–28; explored in Venezuela & Colombia 1906 & in Peru 1911, 1912, 1915 for Yale Univ & Natl Geographical Soc; member of Royal & Natl Geographical Societies; first spouse

Alfreda [née Mitchell] Bingham & second spouse Suzanne Carroll [née Hill] Bingham;

genus nah:

Binghamia (Peru) (desc by NL Britton & JN Rose 1920) (syn of *Haageocereus* BACKEBERG & *Cleistocactus* LEMAIRE).



Binoj Kumar, (Dr) MS (1960–); {Binojk.}; India botanist & taxonomist; joined Bot Survey of India, TNAU Campus, Coimbatore, India 1986; PhD thesis on taxonomic revision of euphorbias in India at Bharathiar Univ, Coimbatore, India 1993; lecturer in botany at Sanathana Dharma College, Alleppey, India 1994~;

Book [2010] *The Genus Euphorbia L. (Euphorbiaceae) in India* [w NP Balkrishnan] India; Eng; 430p;

desc species:

(*Euphorbia*) **susan-holmesiae** [w R Gopalan] (India, Sri Lanka) 1993 (na Susan [Carter] Holmes),

(*Euphorbia*) **vajravelui** [w NP Balakrishnan] (India) 1991 (disc by E Vajravelu & nah).



† **Biolley**, Paul [Pablo] Auguste (15 Feb 1862–16 Jan 1908); Swiss teacher, entomologist & naturalist; to Costa Rica 1886; teacher & scientist in Costa Rica; collected [w HF Pittier] in Costa Rica;

disc species:

(*Phyllocactus*) **costaricensis** (Colombia, Costa Rica, Panama) 1898 (desc by FAC Weber 1902) —>

Epiphyllum thomasianum ssp **costaricense** by R Bauer 2003,

(*Rhipsalis*) **biolleyi** (Costa Rica, Panama) 1899 (desc & nah by FAC Weber 1902) —> **Weberocereus**

tunilla ssp **biolleyi** by R Bauer 2003.

Bird, HL, Jr;

Book 1974] *Sterols & fatty-acids of Organpipe Cactus (Lemaireocereus thurberi)*; 103p.

† **Birdsey**, Monroe Robert (1922–2000); {Birdsey}; US taxonomist; authority on Araceae; explored in Guatemala;

disc species:

(*Hylocereus*) **escuintlensis** (Guatemala, Chiapas) 1953 (desc by MW Kimnach 1984).

Birnbaum, O;

Book [1986] *Sukkulanten (Lebenskunsler im Pflanzenreich)* = "Sukkulanten (Life artist in the Pflanzenreich)" [w F Kummel & F Ebel] Halle, Ger; Ger; 100p.

Biro, [Bíro] Krisztina;

Book [1980] *Kaktuszok Pozsgasok* (Kakteen und andere Sukkulanten) [w P Agocsy] Budapest, Hungary; Hungarian; 63p.



Bisseret, (Prof) (Dr) Philippe (1957–); {Bisseret}; French chemist; PhD in chemistry at Univ Louis Pasteur, Strasbourg 1982; prof of chemistry at Mulhouse Univ; explored in Mex c2000;

desc species:

(Euphorbia) **bertemariae** (Ethiopia) [w M Dioli] 2005 (disc by M Dioli 2000 & na Berte Marie Ulveseter),
(Euphorbia) **gilbertiana** (Ethiopia) [w E Specks] 2006 (disc by E Specks 1999 & na MG Gilbert).

† **Bitter**, (Dr) Friedrich August Georg (13 Aug 1873–30 Jul 1927); {Bitter}; Ger botanist, pteridologist & mycologist; PhD at Kiel Univ 1896; assistant at Univ of Münster 1899–1905; head of bot garden in Bremen 1905–15; prof of botany & dir of bot garden at Univ of Göttingen 1923~;

desc species:

(Sedum) **nussbaumerianum** (Vera Cruz) 1924 (disc by CA Purpus 1906/07 & na E Nussbaumer).

Bittrich, Volker (1954–); {Bittrich}; Campinas, Brazil;

desc genus:

Pseudobrownanthus [w H-D Ihlenfeldt] 1985 (syn of Brownanthus SCHWANTES);

desc species:

(Galenia) **glandulifera** (Cape) 1990,

(Pseudobrownanthus) **nucifer** [w H-D Ihlenfeldt] (s Namibia, nw Namaq) 1985 → **Brownanthus**

nucifer by SM Pierce & M Gerbaulet 1997,

(Trianthema) **kimberleyi** [w KM Jenssen] (Australia) 1990 (na locality Kimberley region in Australia);

transfer species:

“Mesemb arenosum” (H Schinz 1897) → **Brownanthus arenosus** [w H-D Ihlenfeldt] 1985,

“Mesemb canaliculatum” (AH Haworth 1795) → **Phyllobolus canaliculatus** 1987,

“Mesemb corallinum” (CP Thunberg 1791) → **Brownanthus corallinum** [w H-D Ihlenfeldt] 1985,

“Mesemb kuntzei” (H Schinz 1897) → **Brownanthus kuntzei** [w H-D Ihlenfeldt] 1985,

“Mesemb schenckii” (H Schinz 1897) → **Brownanthus ciliatus** ssp **schenckii** (w H-D Ihlenfeldt) 1985.

Bjornstad, Anders (fl. 1970); {A.Bjornstad};

desc species:

(Cyphostemma) **simplicifolium** 1970.



† **Black**, John McConnell (28 Apr 1855–2 Dec 1951); {J.M.Black}; Scotland to South Australia 1877; systematic botanist & taxonomist; spouse Alice [née Denford] Black;

desc genus:

Sarcozona (Australia) 1934;

desc species:

(Anacampseros) **australiana** (Queensland) 1917 → **Grahamia australiana** by GD Rowley 1994,

(Calandrinia) **disperma** (Australia) 1921 → **Parakeelya disperma** by MA Hershkovitz 1999,

(Calandrinia) **remota** (Australia) 1923 → **Parakeelya remota** by MA Hershkovitz 1999,

(Calandrinia) **sphaerophylla** (S Australia) 1927 → **Parakeelya sphaerophylla** by MA Hershkovitz 1999,

(Calandrinia) **stagnensis** (Australia) 1927 → **Parakeelya stagnensis** by MA Hershkovitz 1999;

transfer species:

“Mesemb australe” (W Aiton 1789) to **Disphyma australe** 1932.



† **Blackbeard**, (Miss) Gladys Ivy (19 May 1891–11 Sep 1975); Grahamstown, RSA gardener & naturalist; owner of nursery near Grahamstown of about 2,000 collected indigenous plants of Amaryllidaceae & succ;

disc species:

(Haworthia) **blackbeardiana** (Eastern Cape) (desc & nah by JKL von Poellnitz 1932) → **Haworthia bolusii** var **blackbeardiana** by MB Bayer 1982.

† **Blackburn**, (Mrs) H; RSA; spouse of former station master of Calitzdorp, Western Cape;

species nah:

(Gibbaeum) **blackburniae** (Western Cape) (desc & nah by HML Bolus 1937);

disc species:

(Haworthia) **blackburniae** (Western Cape) 1935 (desc & nah by WF Barker 1937).



† **Blake**, (Dr) Sidney Fay (31 Aug 1892–31 Dec 1959); {S.F.Blake}; US botanist, taxonomist, bot nomenclaturist & bibliographer; PhD at Harvard Univ 1916; botanist at USDA, DC 1916~; pres of Amer Soc of Plant Taxonomists 1943; specialist on Asteraceae & Compositae; explored in Guatemala & Honduras 1918; spouse

Doris M [née Holmes] Blake, entomologist;

species nah:

(Pereskia) **blakeana** (Durango, Sinaloa, Michoacan) (desc & nah by JG Ortega 1929).

† **Blake**, (Dr) Stanley Thatcher (3 Sep 1911–24 Feb 1973); {S.T.Blake}; Australian botanist & taxonomist; DSc at Univ of Queensland 1956; worked at Brisbane Queensland Herbarium 1946~; collected in western Queensland;

Book [1969] *A Revision of Carpobrotus & Sarcozona in Australia, Genera Allied to Mesembryanthemum (Aizoaceae)* Brisbane, Australia; Eng; 65p; (contributions from the Queensland Herbarium, No. 7);

species nah:

(Plectranthus) **blakei** (Queensland) (desc & nah by PI Forster 1992);

desc species:

(Carpobrotus) **modestus** (s Australia) 1969,

(Plectranthus) **allopectus** (Queensland, New S Wales) 1971,

(Plectranthus) **gratus** (Queensland) 1971,

(Plectranthus) **spectabilis** (Queensland) 1971,

(Sarcozona) **bicarinata** (s Australia) 1969.



† **Blakley**, Elwood Robert [Jim] (29 Jun 1924–2 Nov 2008); US botanist & groundskeeper; worked at Santa Barbara, Calif Bot Gardens 1956~; collected in US & Mex; spouse Mae [née Krueger] Blakley;

disc species:

(Mamm) **tobuschii** [w WT Marshall] (Texas) 1952 (desc by WT Marshall 1952 & na H Tobusch)

—> **Sclerocactus brevihamatus** ssp **tobuschii** by NP Taylor 1995.



† **Blanc**, Albert A (1850–21 Dec 1928); {Blanc}; Belgium to Philadelphia, Pennsylvania 1868; horticultural engraver, electrotyper, artist & nurseryman; owner of *A Blank & Co* in Philadelphia 1870~; pub first cactus trade catalogue in US 1886; had largest cactus nursery in world in 1890s; famous as a woodcut engraver; spouse Susie [née Pennebaker] Blanc; named a species

Cereus childsii after John Lewis Childs (1856–1921) in this edition that was never accepted as a genuine species; woodcuts by him have been used in many publications during the 20th century; woodcuts were purchased by JH Callander c1906 & then by Shiner Cactus Nursery, Laredo, Texas c1931.

Book [1886 to 1898] *Hints on Cacti (cultural guide & catalogue)* Philadelphia, Pennsylvania; Eng;

[1886] 1st edition; 66p; 55*;

[1888] 2nd edition; 68p; 118*;

[1889] 3rd edition; 72p; (w Ger edition pub);

- [1890] 4th edition; 98p; (w Ger edition pub);
 [1891] 5th edition**; 112p; 185*;
 [1892] 6th edition; 100p; 158*;
 [1893] 7th edition; 100p, 158*;
 [1894] 8th edition; 112p; 185*;
 [1895] 9th edition; 112p; 185*;
 [1896] 10th edition; 116p; 180*;
 [1897] 11th edition; 116p; 160*;
 [1898] 12th edition; 100p; 160*,
 [1889 to 1894] *Illustrated Catalogue of Rare Cacti* Philadelphia; Eng;
 [1889] 1st edition; 24p; 66*;
 [1890] 2nd edition; 24p; 74*;
 [1891] 3rd edition; 32p; 85*;
 [1892] 4th edition; 32p; 80*;
 [1893?] 5th edition?;
 [1894?] 6th edition?.
- *woodcuts

Blanchard, André N;

Book [1991] *Molecular & Physiological Studies of the Drought Response in Sedum telephium L & Delosperma L*; 282p.

† **Blanchet**, Jacques Samuel (8 May 1807–20 Mar 1875); Swiss businessman & amateur botanist to Bahia, Brazil 1828; collected in Bahia 1828–56; spouse Dorothée [née Genton] Blanchet;

disc species:

(Euphorbia) **gymnoclada** (Brazil) 1834 (desc by PE Boissier 1860).

Blanchy, Christophe;

Book [2006] *Madagascar, A Paradise at Risk* [w T Botta & M Teissier] Italy; Eng; 64p.



† **Blanco**, Francisco Manuel [Manoel] (24 Nov 1778–1 Apr 1845); {Blanco}; Spanish friar & botanist to Philipinnes 1805; collected in Philippines; used Linnaeus system of classification of plants; interested in medical merits of species;

desc species:

(Marsdenia) **parasitica** (Philippines) 1837 —> **Dischidiopsis parasitica** by ED Merrill 1918,

(Stapelia) **meliflua** (Philippines) 1837 —> **Hoya meliflua** by ED Merrill 1918.

† **Blankinship**, (Prof) (Dr) Joseph Wm [JW] (23 Feb 1862–2 Jul 1938); {Blank.}; US botanist in Montana; student of EL Greene at Univ of Calif, Berkeley, Calif 1890–92; PhD at Harvard Univ 1898; prof of botany at Montana State College of Agriculture, Bozeman 1898–1905; botanist at Montana Experiment Station & first curator of Montana State Univ herbarium; herbarium assistant at Missouri Bot Garden, St. Louis, Missouri 1907; collected over 10,000 specimens in various US states & in Canada; spouse Claire [née Farris] Blankinship (–1950s);

desc species:

(Sedum) **subalpinum** (Rocky Mtns from Montana to Alaska) 1905 —> **Sedum lanceolatum** ssp **subalpinum** by RT Clausen 1975.



† **Blatter**, (Prof) Ethelbert (15 Dec 1877–26 May 1934); {Blatt.}; Swiss botanist & priest to India 1903; prof of botany at St. Xavier's College, Bombay, India 1904–25; established *The Blatter Herbarium* at St. Xavier's College, Bombay, India 1906 & na him by H Santapau in 1941; chaplain at Panchgami, India 1925~;

desc species:

(Euphorbia) **khandallensis** [w F Hallberg] (India) 1921,
(Euphorbia) **panchganiensis** [w YMC McCann] (India) 1931,
(Sedum) **adenocalyx** (India) 1934;

transfer variety:

“*Aloe percrassa* var *menachensis*” (GA Schweinfurth 1894) —> **Aloe menachensis** 1936.



† **Blazquez**, [Blasquez,] Ignacio (1830–1885); Mex natural historian & botanist; prof of natural history at Colegio de Estado de Puebla [Autonomous Univ of Pueblo];
Book [1865] *Memoria sobre el maguey Mexicano (Agave maximiliana)* [w P Blazquez] Mexico City; 33p.

† **Blazquez**, [Blasquez,] Pedro [Pete] (fl. 1865); Mex botanist;

Book [1865] *Memoria sobre el maguey Mexicano (Agave maximiliana)* [w I Blazquez] Mexico City; 33p.

Bleij, (Dr) Bert (fl. 1999); {Bleij};

Book [2003] *Sedum* section w H 't Hart of *Illustrated Handbook of Succ Plants (Crassulaceae)* by editor Urs Eggli;

transfer species:

“*Diopogon allionii*” (CTA Jordan & JP Fourreau 1868) —> **Sempervivum globiferum** ssp **allionii** [w H 't Hart] 1999,
“*Sempervivum arenarium*” (WDJ Koch 1837) —> **Sempervivum globiferum** ssp **arenarium** [w H 't Hart] 1999,
“*Sempervivum hirtum*” (C Linnaeus 1755) —> **Sempervivum globiferum** ssp **hirtum** [w H 't Hart] 1999.

† **Blochman**, [née Twitchell,] Ida May (11 Apr 1854–1 Aug 1931); US botanist & educator; collected in Santa Maria Valley of Santa Barbara region of Calif 1890s; corresponded w A Eastwood & EL Greene; spouse Lazar Emanuel Blochman (18 Nov 1856–19 Mar 1946);

disc species:

(Sedum) **blochmaniae** (Calif) (desc& nah A Eastwood 1896) —> **Dudleya blochmaniae** by RV Moran 1953.



Bloom, Edward V (c1942–); British photographer & horticulturist;

Book [1960] *Collector's Cacti* London, Eng; Eng; 123p + 24 plates.

Bloomfield, Frena (c1944–); British journalist, freelance writer & novelist; to Asia for 10 yrs & then to US in Bisbee, Arizona;

Book [1985] *Aloe Vera, Miracle Plants* London, Eng; Eng; 54p,
[1985] *Jajoba & Yucca, Miracle Plants* London ; Eng; 64p.



† **Blossfeld**, Harry (27 Feb 1913–7 Jul 1986); {H.Blossf.}; Ger botanist; to S Amer 1935; to Sao Paulo, Brazil 1937~; collected plants & seeds in Argentina, Bolivia, Brazil, Paraguay, Peru & Uruguay 1935~; father R Blossfeld; spouse Anita Blossfeld;

genus nah:

Blossfeldia (Argentina, Bolivia) (desc & nah by E Werdermann 1937);

disc species:

(Blossfeldia) **liliputana** [w O Marsoner] (Argentina, Bolivia) 1936 (desc by E Werdermann 1937),

(Cephalocereus) **blossfeldiorum** (Peru) (desc & nah & R Blossfeld by E Werdermann 1937)

—> **Espostoa blossfeldiorum** by F Buxbaum 1959,

(Mediocactus) **hahnianus** (Paraguay) (desc by C Backeberg 1957 & na A Hahn) —> **Echinopsis hahniana** by RS Wallace 1997.



† **Blossfeld**, Robert Carl (1882–27 Jan 1944); {Blossf.}; Ger horticulturist; owner of seed firm in Potsdam & Lubeck; collected plants in Brazil; son H Blossfeld;

species nah:

(Cephalocereus) **blossfeldiorum** (Peru) & H Blossfeld (desc & na them by E Werdermann 1937 & disc by H Blossfeld) —> **Espostoa blossfeldiorum** by F Buxbaum 1959,

(Kalanchoe) **blossfeldiana** (Mada) (desc & nah by JKL von Poellnitz 1934)(Mamm) **blossfeldiana** (Baja Calif) (desc & nah by F Boedeker 1931);

transfer species:

“Lobivia jajoana” (C Backeberg 1934) —> **Echinopsis jajoana** 1938.

Blum, Wolfgang Hugo (1963–); {W.Blum}; Ger plumber; specialized in Echinocereus;

Book 1998] *Echinocereus Monography* [w M Lange, W Rischer & J Rutow]; Ger/Eng; 495p w 212 color photos,

[2011] *Echinocereus Die parkeri-Gruppe* [w D Felix]; Eng; 144p w 255 color photos;

desc species:

(Echinocereus) **apachensis** [w J Rutow] (Arizona) 1998 (disc by SMA McKelvey 1929,

(Echinocereus) **klapperi** (Sonora, Chihuahua) 1998 (disc by I Klapper 1983 & nah);

transfer species:

“Cereus mojavenensis” (GT Engelmann & JM Bigelow 1856) —> **Echinocereus triglochiciatus** ssp

mojavenensis [w M Lange] 1998,

“Cereus paucispinus” (GT Engelmann 1856) —> **Echinocereus coccineus** ssp **paucispinus** [w M Lange & J Rutow] 1998,

“Cereus procumbens” (GT Engelmann 1849) —> **Echinocereus pentalophus** ssp **procumbens** [w M Lange] 1998;

desc subsp:

(Echinocereus parkeri ssp) **arteagensis** [w M Lange] (Coahuila, Nuevo Leon) 1998,

(Echinocereus parkeri ssp) **mazapilensis** [w M Lange] (Zacatecas) 1998 (disc by H Sanchez-Mejorada 1987);

transfer variety:

“Echinocereus pectinatus var wenigeri” (LD Benson 1968) —> **Echinocereus pectinatus** ssp **wenigeri** [w J Rutow] 1998,

“Echinocereus viridiflorus var correllii” (LD Benson 1969) —> **Echinocereus viridiflorus** ssp **correllii** [w M Lange] 1998.



† **Blume**, Carl [Charles, Karl, Karel] Ludwig [Lodewijk] von (9 Jun 1796–3 Feb 1862); {Blume}; Dutch botanist; dir of State Herbarium in Leiden; collected in Indonesia;

desc genus:

Gynostemma (eastern Asia) 1825;

desc species:

(Conchophyllum) **imbricatum** (India, Myanmar, Cambodia, Laos, Vietnam, Thailand, Malaysia, Borneo, Java, Sumatra) 1826 —> **Dischidia imbricata** by EG von Steudel 1840,
 (Dischidia) **cochleata** (Borneo, Java, Sumatra, Malaysia) 1826,
 (Dischidia) **rhombifolia** (Java) 1826,
 (Hoya) **diversifolia** (Myanmar, Laos, Cambodia, Vietnam, Malaysia, Thailand, Singapore, Borneo, Java, Sumatra) 1826,
 (Hoya) **lacunosa** (China, India, Singapore, Thailand, Borneo, Java, Sumatra) 1826,
 (Hoya) **macrophylla** (Borneo, Java) 1826,
 (Hoya) **vitellina** (Java) 1849,
 (Leptostemma) **hirsutum** (India, Myanmar, Cambodia, Laos, Vietnam, Singapore, Indonesia, Philippines, Thailand, Papua New Guinea) 1826 —> **Dischidia hirsuta** by J Decaisne 1844,
 (Leptostemma) **lanceolatum** (Java) 1826 —> **Dischidia lanceolata** by J Decaisne 1844,
 (Leptostemma) **latifolium** (Java) 1826 —> **Dischidia latifolia** by J Decaisne 1844,
 (Leptostemma) **punctatum** (Java, Borneo, Sumatra) 1826 —> **Dischidia punctata** by J Decaisne 1844,
 (Leptostemma) **sagittatum** (Java) 1826 —> **Dischidia sagittata** by J Decaisne 1844,
 (Leptostemma) **truncatum** (Java) 1826 —> **Dischidia truncata** by J Decaisne 1844.

†**Blunt**, Wilfrid Jasper Walter (19 Jul 1901–8 Jan 1987); British artist, writer & teacher; art master at Haileybury College 1923–32 & at Eton College, Windsor, Eng 1932–59; curator at Watts Gallery, Guildford, Surrey 1959~;

Book [1950] *The Art of Botanical Illustration* [w WT Stearn],

[1971] *The Compleat Naturalist, a life of Linnaeus* London, Eng; Eng; 156p.



†**Boarder**, Arthur (1895–18 Dec 1988); British policeman, lecturer, writer for British journal & show judge; one of founders of CSSGB 1931 & pres 1979–82; specialized in Mamm & Lithops;
Book [1968] *Starting with Cacti* Middlesex, Eng; Eng; 96p + 12 plates.

Bobisud, Helen M;

Book [1978] *The chimera structure of Sansevieria trifasciata PRAIN var. laurentii DEWILDEM.*

N.E. BROWN & S. trifasciata PRAIN 'vandal gold'; 97p.



†**Bock**, John A (–22 Jun 1975) & Theresa; US in Sharon, Pennsylvania; member of Midwest C&SS, Ohio; cactus collectors & rock hounds in Mex;

disc species:

(Mamm) **theresae** (Durango) 1966 (desc by LT Cutak 1967 & na Theresa Bock).



†**Bock**, Thor Methven (20 Jan 1907–25 Apr 1973); {T.M.Bock}; US artist & illustrator in Hollywood, Calif; CSSA Fellow award 1945; technical aerospace artist w N Amer-Rocketdyne, Calif 1953~; spouse Mabel Bock;

Book [1941] *Cactaceae* [w WT Marshall] Los Angeles, Calif; Eng; 248p w 30 plate drawings by TM Bock; (a supplement to *The Cactaceae* by NL Britton & JN Rose 1919–23).



†**Boddam-Wetham**, John (25 May 1843–23 Mar 1918);

disc species:

(Delosperma) **wethamae** (Orange Free State) (desc & nah by HML Bolus 1930).

Bodeker, [Bödeker,] — See **Boedeker**, Friedrich.

† **Bodenbender**, (Prof) (Dr) Wilhelm [Guillermo] (2 Jul 1857–20 Apr 1941); {Bodenb.}; Ger geologist; PhD at Univ of Göttingen 1884; to Argentina 1885; prof of geology & mineralogy at Univ of Cordoba 1891; collected in Argentina 1885~;

species nah:

(Echinocactus) **bodenbenderianum** (Argentina) (desc by A Berger 1929) → **Gymnocalycium bodenbenderianum** by AW Hill 1933.

Bodenghien, (Mlle) A (fl. 1987); Belgian; traveled w F Malaisse;

species nah:

(Monadenium) **bodenghieniae** (Zaire) (desc & nah by F Malaisse & JM Lecron 1995).



† **Bodley**, [later Bodley van Wyk] Elise (1921–4 Aug 1997); RSA bot artist & illustrator; art training at Mowbray Teachers' Training College, Cape Town ~1946 and at Royal Swedish Academy of Art, Stockholm, Sweden 1946–48; art teacher in Cape Town, principal of Hugo Naudé Art Centre in Worcester, principal of Stellenbosch Art Centre, art lecturer at Cape Town Training College & art lecturer at Tygerberg Technical College ~1979; drew watercolor likeness from type plants of Cotyledon & Tylecodon 1979–96; received Cythna Letty Gold Medal from Bot Soc of S Africa 1991; son B-E van Wyk; spouse Appie van Wyk, artist;

species nah:

(Cotyledon) **eliseae** (Western Cape) (desc & nah by EJ van Jaarsveld 1997 & disc by PV Bruyns),
(Tylecodon) **bodleyae** (Northern Cape) (disc by JA Hart 1983 & desc & na E Bodley by EJ van Jaarsveld 1992).



† **Boedeker**, [Bödeker,] Friedrich (11 Sep 1867–26 Mar 1937); {Böd. or Boed.}; Ger pharmacist, botanist, taxonomist & cactus expert; member DKG 1904~; specialist on Cactaceae, especially Coryphantha & Mamm;

Book [1933] *Ein Mammillarien-Vergleichsschlüssel* = "The Key to Comparisons of Mamms"

Neudamm, Ger; Ger; 64p;

desc genera:

Aztekium (Nuevo Leon) 1929,

Porfiria (Mex) 1926 (syn of Mamm HAWORTH);

desc species:

(Ariocarpus) **scaphirostris** (Nuevo Leon) 1930 (disc by F Ritter 1928),

(Coryphantha) **asperispina** (Coahuila, Nuevo Leon) 1929 (disc by F Ritter 1928) → **Escobaria**

missouriensis ssp **asperispina** by NP Taylor 1998,

(Coryphantha) **georgii** (Guanajuato, San Luis Potosi, Tamaulipas) 1931 (disc by E Georgi & nah),

(Coryphantha) **longicornis** (Durango) 1931,

(Coryphantha) **odorata** (Tamaulipas, San Luis Potosi) 1930 (disc by F Ritter 1929) → **Cumarinia**

odorata by F Buxbaum 1951,

(Coryphantha) **pseudoechinus** (Coahuila) 1929,

(Coryphantha) **vaupeliana** (Tamaulipas) 1928 (disc by H Baum 1925 & na FKJ Vaupel),

(Coryphantha) **vogtherriana** [w E Werdermann] (San Luis Potosi) 1932 (disc by H-W Viereck 1931 & na

H Vogtherr),

(Coryphantha) **werdermannii** (Coahuila) 1929 (disc by F Ritter 1928 & na E Werdermann),

(Coryphantha) **zilziana** (Coahuila) 1930 (J Zilz) → **Escobaria zilziana** by C Backeberg 1961,

(Echinocactus) **andreae** (Cordoba) 1930 (disc by CC Hosseus c1927 & na W Andreae)

—> **Gymnocalycium andreae** by C Backeberg 1936,
 (Echinocactus) **borchersii** (Peru) 1933 (disc by P Borchers 1932 & nah) —> **Oroya borchersii** by
 C Backeberg 1959,
 (Echinocactus) **calochlorus** (Cordoba) 1932 (disc by E Stumer) —> **Gymnocalycium calochlorum** by
 Y Ito 1952,
 (Echinocactus) **hastifer** [w E Werdermann] (Queretaro) 1931 —> **Thelocactus hastifer** by FM Knuth
 1936,
 (Echinocactus) **knuthianus** (San Luis Potosi) 1930 (na FM Knuth) —> **Turbinicarpus saueri** ssp
knuthianus by JM Luthy 2000,
 (Echinocactus) **rhodantherus** (La Rioja) 1934 (disc by F Harperath 1931) —> **Gymnocalycium**
rhodantherum by C Backeberg 1936,
 (Echinocactus) **ritteri** (Nuevo Leon) 1928 (disc by F Ritter & nah) —> **Aztekium ritteri** by F Boedeker
 1929,
 (Echinocactus) **roseanus** (Nuevo Leon, Coahuila) 1928 (na JN Rose) —> **Acharagma roseanum** by
 EF Anderson 1999,
 (Echinocactus) **saueri** (Tamaulipas, San Luis Potosi) 1928 (disc by N Sauer 1925 & nah)
 —> **Turbinicarpus saueri** by V John & J Riha 1983,
 (Echinocactus) **schmiedickeanus** (Tamaulipas) 1928 (disc by CL Klissing 1927 & na K Schmiedicke)
 —> **Turbinicarpus schmiedickeanus** by F Buxbaum & C Backeberg 1937,
 (Echinopsis) **pugionacantha** [w JN Rose] (Bolivia, Argentina) 1931 (disc by F Ritter 1931),
 (Echinopsis) **rossii** (Bolivia) 1933 —> **Echinopsis pugionacantha** ssp **rossii** by G Navarro 1996,
 (Escobaria) **orcuttii** (Arizona, New Mex, Texas) 1933 (disc by CR Orcutt 1926 & na him) —> **Escobaria**
sneedii ssp **orcuttii** by JM Luthy 1999,
 (Mamm) **albicoma** (Tamaulipas) 1929,
 (Mamm) **baumii** (Tamaulipas) 1926 (na H Baum),
 (Mamm) **blossfeldiana** (Baja Calif Norte) 1931 (na H Blossfeld),
 (Mamm) **erythrosperma** (San Luis Potosi) 1918,
 (Mamm) **gasseriana** (Coahuila) 1927 (disc by AF Moeller),
 (Mamm) **glareosa** (Baja Calif) 1933 —> **Mamm brandegeei** ssp **glareosa** by DR Hunt 1997,
 (Mamm) **halbingeri** (Oaxaca) 1933 (disc by C Halbinger 1931 & nah),
 (Mamm) **klissingiana** (Tamaulipas) 1927 (disc by P Montemayor & H Baum 1925 & na CL Klissing),
 (Mamm) **leucantha** (San Luis Potosi) 1933 —> **Mamm crinita** ssp **leucantha** by DR Hunt 1997,
 (Mamm) **moelleriana** (Durango) 1924 (na J Moeller),
 (Mamm) **orcuttii** (Puebla) 1930 (na CR Orcutt),
 (Mamm) **rettigiana** (Hidalgo, Guanajuato) 1930 (na C Rettig),
 (Mamm) **roseoalba** (Tamaulipas) 1929,
 (Mamm) **sinistrohamata** (Zacatecas, Durango, Coahuila) 1932 (disc by J Moeller c1927),
 (Mamm) **surculosa** (Tamaulipas, San Luis Potosi) 1931 (disc by H-W Viereck 1928),
 (Mamm) **wagneriana** (Zacatecas) 1932 (disc by J Moeller),
 (Mamm) **weingartiana** (Nuevo Leon) 1932 (disc by F Ritter 1931 & na W Weingart),
 (Mamm) **wiesingeri** (Hidalgo) 1933 (disc by Wiesinger & nah),
 (Mamm) **winterae** (Nuevo Leon) 1929 (disc by F Ritter & na H Winter),
 (Mamm) **zeilmanniana** (Guanajuato) 1931 (disc by E Georgi),
 (Porfiria) **coahuilensis** (Coahuila) 1926 —> **Mamm coahuilensis** by RV Moran 1953,
 (Rebutia) **kupperiana** (Argentina, Bolivia) 1932 (disc by F Ritter 1931 & na W Kupper) —> **Rebutia**
deminuta ssp **kupperiana** by ML Hjertson 2003;
 transfer species:

“*Neomammillaria jaliscana*” (NL Britton & JN Rose 1923) —> **Mamm jaliscana** 1933.

Boef, (Mr) JL den; Ridderkerk, Netherlands; explored in Kenya;

disc species:

(*Caralluma*) **denboefii** (Kenya, Tanzania) 1980 (desc & nah by JJ Lavranos 1983) —> **Orbea denboefii** by PV Bruyns 2001.



Boehmer, Louis (30 May 1843–29 Jul 1896); Ger to US 1867; gardener in Rochester, NY c1866–72; to Japan 1872; nursery owner in Japan 1882–90; bot collector in Japan;

variety nah:

(*Cotyledon malacophylla* var) **boehmeri** (Japan) (desc & nah by T Makino 1902)

—> **Orostachys boehmeri** by H Hara 1935.

† **Boehmer**, (Prof) (Dr med) Georg[e] Rudolf [Rudolph] (1 Oct 1723–4 Apr 1803); {Boehm.}; Ger botanist & physician; MD at Univ of Leipzig 1746; prof of botany & anatomy at Univ of Wittenberg, Ger 1752; **Book** [1757] *De Melocacto Ejusque in Cereum Transformatione* Wittenberg, Ger; 14p.

Boele, Cornelis [**Kees**] (19 Aug 1956–); {Boele}; Dutch; IOS member 1988; pub articles in International Asclepiad Soc journal 1989;

Book [1987] *Checklist of Brachystelma R.Br., Ceropegia L., Riocreuxia Decne. & the Genera of the Stapelieae s.s. (Asclepiadaceae)* [w ACJ Kroesen & FKA Noltee] West Sussex, Eng; Eng; 170p,

[1990] *Supplement to the Checklist of Brachystelma, Ceropegia, Riocreuxia & the Stapelieae* [w ACJ Kroesen & FKA Noltee] West Sussex, Eng; Eng; 38p;

desc species:

(*Brachystelma*) **lancasteri** (Zimbabwe) 1994 (na A Percy-Lancaster),

(*Brachystelma*) **punctatum** (Zimbabwe) 1994;

transfer species:

"*Brachystelma thunbergii*" (NE Brown 1908) —> **Brachystelma praelongum** ssp **thunbergii** 1989.



† **Boer**, (Dr) Hendrick Wijbrand de (26 Aug 1885–14 Mar 1970); {de Boer}; Haren, Netherlands; Dutch pharmacologist & food chemist; PhD at Sorbonne in Paris 1914; student (hobbyist) of mesembs, especially *Lithops* & *Conophytums* from 1938; wrote articles in periodical *Succulenta* of *Lithops* & other mesembs; IOS member 1955; contributor to D Sprechman's *Lithops* 1970 book; spouse G de Boer-Weyer;

species nah:

(*Lithops*) **deboeri** (Little Namaq) (desc & nah by MHG Schwantes 1952) —> **Lithops villetii** ssp **deboeri** by DT Cole 1988;

desc species:

(*Conophytum*) **rolfii** (Western Cape) 1970 (disc by Rolf Rawe 1966 & nah) —> **Conophytum**

obcordellum ssp **rolfii** by SA Hammer 1993,

(*Conophytum*) **smorenskaduense** (Bushmanland) 1968 (disc by M Kennedy 1966,

(*Lithops*) **archerae** (Namibia) 1967 (disc by JMN Archer 1966 & nah) —> **Lithops pseudotruncatella** ssp

archerae by DT Cole 1988,

(*Lithops*) **gesineae** (Namibia) 1955 (disc by FS Erni 1938 & na Gesine de Boer),

(*Lithops*) **hallii** (Northern Cape) 1957 (disc by H Hall 1956 & nah);

desc variety:

(*Lithops aucampiae* var) **euniceae** (Northern Cape) 1966 (disc by HA Horn 1963 & na

Eunice E Burmeister) —> **Lithops aucampiae** ssp **euniceae** by DT Cole 1988,
 (Lithops dinteri var) **multipunctata** (Namibia) 1966 (disc by V Pringle & AA Roux 1963) —> **Lithops dinteri** ssp **multipunctata** by DT Cole 1988,
 (Lithops fulleri var) **kennedyi** (Little Namaq) 1967 (disc by HC Kennedy 1966 & nah) —> **Lithops villetii** ssp **kennedyi** by DT Cole 1988,
 (Lithops pseudotruncatella var) **brandbergensis** (Namibia) 1963 (disc by J Rudner 1955) —> **Lithops gracilidelineata** ssp **brandbergensis** by DT Cole 1988,
 (Lithops pseudotruncatella var) **volkii** [w BK Boom] (Namibia) 1961 (disc by HJW Giess 1953 & na OH Volk) —> **Lithops pseudotruncatella** ssp **volkii** by DT Cole 1988,
 (Lithops schwantesii var) **gebseri** (Namibia) 1964 (disc by W Gebser 1960 & nah) —> **Lithops schwantesii** ssp **gebseri** by DT Cole 1988.



† **Boerhaave**, (Prof) (Dr med) Hermann [Hermann, Herman]
 (31 Dec 1668–23 Sep 1738); {Boerh.}; Dutch physician & botanist; PhD at Univ of Leiden 1689 & MD at Harderwijk 1693; prof of medicine & botany & dir of bot garden at Univ of Leiden, Netherlands, 1709–29, succeeding P Hermann; spouse Mary [née Drolemieux] Boerhaave;

Book [1710] *Index alter Plantarum quae in Horto Academico Lugduno bbBatavo Reperiuntur* London, Eng; Latin; 278p; (in 2 Vols),
 [1727] *Historia Plantarumquae in Horto Academico Lugduni—Batavorum Crescunt* Rome, Italy; 932p; (in 2 Vols).

† **Boer-Weyer**, [née Weyer,] Geessien [**Gesine**] de (1910–1990); Dutch; spouse HW de Boer;
species nah:

(Lithops) **gesineae** (Namibia) (desc & nah by HW de Boer 1955 & disc by FS Erni 1938).

Boeuf, Thomas;

Book [2007] *Yucca & Co* Ger; Ger; 191p w color photos,

[2010] *Faszination Bunt die Welt der Panaschierten Yuccas* [w A Heim & S Weissbeck] Muenster, Ger; Ger; 135p w color photos.

Boger, [Böger,] B;

Book [1989] *25 Jahre Fachgruppe Kakteen und Sukkulanten Halle im Kulturbund der DDR* [w W Stempel, K Klugling, R Dehn & W Marx] Leipzig, Ger; 16p.



Bogner, Josef (29 Jan 1939–); {Bogner}; Ger botanist & horticulturist; works at Munich bot gardens; collected in Mada, Comoro Islands, Tanzania, Kenya, Ethiopia, Gabon, Seychelles, Israel, India, Sri Lanka, Malaysia, Thailand, Venezuela, Colombia, Ecuador, Peru & Brazil; specialist in Araceae;

species nah:

(Begonia) **bogneri** (Mada) (desc & nah by RC Ziesenhenné 1973),
 (Kalanchoe) **bogneri** (Mada) (desc & nah by WHH Rauh 1993).

Bohata, Jaroslav; Czech horticulturist; explored in Mex 2000;

Book [2005] *Genus LOPHOPHORA Coulter — Kaktusy Special 2* [w V Mysak & J Snicer]; Eng; 48p w 89 color photos.

Bohle, Bernhard [Bernd] (fl. 2001); Ger cactus hobbyist; specializes on Brazilian cacti;

Book [2001] *Kakteen in Brasilien (Cacti in Brazil)* [w A Hofacker, GJ Charles, W van Heek, K Herm, W Strecker & G Heimen] Ger; Ger/Eng; 176p;

species nah:

(Pilosocereus) **bohlei** (Bahia) (desc & nah by A Hofacker 2001 & disc by A Hofacker 2000).

† **Bohm**, [Böhm, Boehm,] (Prof) Richard (1 Oct 1854–27 Mar 1884); Ger zoologist & biochemist;

species nah:

(Adenium) **boehmianum** (Namibia, Angola) (desc & nah by H Schinz 1888) —> **Adenium obesum** ssp **boehmianum** by GD Rowley 1980.

Bohme, [Böhme, Boehme,] Olga;

Book [1932] *Kranke Kakteen- Kakteenschadlinge und Krankheiten sowie ihre Bekämpfung* = “Sick Cactus - Cactus Spines & diseases & healing & how to fight it” Neudamm, Ger; Ger; 46p w 26 illustrations.

† **Bohnen**, [née Kies] Pauline (5 Jan 1918–28 Jan 1999); RSA botanist & homemaker; MSc at Huguenot College, Wellington 1939; worked at Kirstenbosch & National Herbarium, Pretoria 1940–47; at Kew 1948–50; back to RSA 1951;

Book [1986] *Flowering Plants of the s Cape Still Bay*; 92p.

† **Bois**, Désiré Georges Jean Marie (9 Oct 1856–2 Feb 1946); {Bois}; French botanist, agronomist & horticulturist; dir & prof at Natl Natural History Museum, Paris, France 1920–32; pres of Bot Soc of France 1920 & 1931;

Book [1893–99] *Dictionnaire d’Horticulture* (Cactaceae section by FAC Weber) Paris, France; over 1,228p + 6 plates;

species nah:

(Kalanchoe) **boisii** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1914);

desc species:

(Pachypodium) **baronii** [w JN Costantin] (Mada) 1907 (disc by R Baron c1880 & nah),

(Pachypodium) **geayi** [w JN Costantin] (Mada) 1907 (disc by M Geay & nah),

(Pachypodium) **ramosum** [w JN Costantin] (Mada) 1907 —> **Pachypodium lamerei** var **ramosum** by M Pichon 1949.



† **Boissevain**, (Dr med) Charles Hercules (18 Oct 1893–18 Oct 1946); {Boissev.}; Dutch physician & cactus hobbyist; MD at Univ of Amsterdam, Netherlands 1911; to US 1923; research prof on tuberculosis at Colorado College, Colorado Springs 1924~; first spouse Marie Therese Vera [née Zvetana] Boissevain (1893–?); second spouse Ruth [née Davis] Boissevain (1892–1982);

Book [1940] *Colorado Cacti, an Illustrated Guide describing all of the Native Colorado Cacti* [w C Davidson] Pasadena, Calif; Eng; 75p; (senior author);

desc genus:

Coloradoa [w C Davidson] (Colorado, New Mex) 1940 (syn of *Sclerocactus* B&R);

desc species:

(Coloradoa) **mesae-verdae** [w C Davidson] (Colorado, New Mex) 1940 (disc by CH Boissevain & C Davidson) —> **Sclerocactus mesae-verdae** by LD Benson 1966.



† **Boissier**, Pierre Edmond (10 May 1810–25 Sep 1885); {Boiss.}; Swiss botanist, taxonomist, mathematician & traveler; explored in Spain, Greece, Syria & Algeria ≈1850; specialized in Euphorbiaceae w herbarium 1850~;

Book [1860] *Century of Euphorbiarum* Paris; 40p,

[1862] *Vol 15 on Euphorbiaceae of AP de Candolle’s Prodromous...*; Vol 15, Section ii,

[1866] *Icones Euphorbiarum ou Figures de cent Vingt-Deux Especies du Genre Euphorbia* Paris, France; French; 24p w 122 plates by J-C Heland;

desc genus:

Synadenium (eastern & s Tropical Africa) 1862;

species nah:

(Euphorbia) **boissieri** (Mada) (desc & nah by HE Baillon 1860),

desc species:

(Pistorinia) **breviflora** (s Spain, n Africa) 1838,

(Euphorbia) **arceuthobioides** (Western Cape) 1860,

(Euphorbia) **berthelotii** (Gomera in Canary Islands) 1862 (na S Berthelot),

(Euphorbia) **bottae** (s Arabian Peninsula) 1862 (na P-E Botta),

(Euphorbia) **bourgaeana** (Tenerife in Canary Islands) 1862 (na E Bourgeau),

(Euphorbia) **bubalina** (Eastern Cape) 1860 (disc by WJ Burchell 1813),

(Euphorbia) **cactus** (Arabian Peninsula, Sudan, Eritrea) 1862 (disc by CG Ehrenberg),

(Euphorbia) **cassythoides** (West Indies) 1860,

(Euphorbia) **clavarioides** (Cape, Lesotho) 1860 (disc by JF Drege c1830),

(Euphorbia) **cupularis** (Zimbabwe, Natal, Mozambique) 1860 (disc by JF Drege c1830) —> **Synadenium**

cupulare by LC Wheeler 1941,

(Euphorbia) **dregeana** (Namibia, Northern Cape) 1862 (disc by JF Drege c1830 & nah),

(Euphorbia) **enopla** (Eastern Cape) 1860 (disc by JF Drege c1830),

(Euphorbia) **ephedroides** (Namibia, Namaq) 1862 (disc by JF Drege c1830),

(Euphorbia) **gariepina** (Namibia, Northern Cape) 1860 (disc by JF Drege c1830),

(Euphorbia) **gueinzii** (Lesotho, RSA, Swaziland) 1862 (disc by J Sanderson c1854 & na W Gueinzii),

(Euphorbia) **gummifera** (Northern Cape, Namibia) 1860 (disc by JF Drege c1830),

(Euphorbia) **gymnoclada** (Brazil) 1860 (disc by ? Blanchet 1834),

(Euphorbia) **horrida** (Eastern Cape) 1860 (disc by JF Drege c1830),

(Euphorbia) **ingens** (Zambia, Natal, Malawi) 1862 (disc by JF Drege 1831),

(Euphorbia) **kanalensis** (Papua New Guinea, New Caledonia, Solomon Islands) 1866,

(Euphorbia) **larica** (Oman, Iran) 1860 (disc by P Aucher-Eloy 1838),

(Euphorbia) **lemaireana** (Zanzibar) 1862 (na AC Lemaire),

(Euphorbia) **leuconeura** (Mada) 1862,

(Euphorbia) **longituberculosa** (Yemen, Djibouti, Ethiopia, Somalia, Kenya) 1862,

(Euphorbia) **lupulina** (Colombia, Venezuela) 1860,

(Euphorbia) **micracantha** (Eastern Cape) 1860 (disc by WJ Burchell c1815),

(Euphorbia) **norfolkiana** (Norfolk Island) 1866,

(Euphorbia) **oxystegia** (Namaq) 1860 (disc by JF Drege c1830),

(Euphorbia) **polyacantha** (Sudan, Ethiopia) 1860,

(Euphorbia) **pugniformis** (Western Cape, Eastern Cape) 1862,

(Euphorbia) **rhabdodes** (Brazil) 1860,

(Euphorbia) **rhombifolia** (Eastern Cape, Natal) 1860 (disc by JF Drege c1830),

(Euphorbia) **royleana** (India) 1862 (na JF Royle),

(Euphorbia) **sarcodes** (Goias, Bahia) 1860,

(Euphorbia) **spicata** (Namaq) 1862 (disc by JF Drege c1830),

(Euphorbia) **stapelioides** (Namaq) 1860 (disc by JF Drege c1830),

(Euphorbia) **xanti** (Baja Calif) 1862 (na J Xantus),

(Pedilanthus) **finckii** (Veracruz) 1862 (na H Finck),

(Sedum) **assyriacum** (Near East) 1845,

(Sedum) **callichroum** (Iran) 1845,
 (Sedum) **confertiflorum** (Greece, Turkey) 1843,
 (Sedum) **grisebachii** [w THH von Heldreich] (Bulgaria, Greece, Turkey) 1856 (na AHR Grisebach),
 (Sedum) **gypsicola** [w GF Reuter] (Spain, Sicily, Morocco, Algeria) 1842,
 (Sedum) **kotschyanum** (Iran) 1845 (na CGT Kotschy),
 (Sedum) **laonicum** [w THH von Heldreich] (Greece, Crete) 1846,
 (Sedum) **lydium** (Turkey) 1843,
 (Sedum) **nanum** (Turkey) 1845,
 (Sedum) **pedicellatum** [w GF Reuter] (Spain, Portugal) 1842,
 (Sedum) **radicosum** [w RF Hohenacker] (Afghanistan, Iran, Kirgizia, Kazakhstan, Turkmenistan) 1849
 —> **Rosularia radicata** by UV Eggli 1988,
 (Sedum) **tristriatum** (Greece, Crete) 1849,
 (Sempervivum) **armenum** [w A Huet] (Turkey) 1856,
 (Sempervivum) **caucasicum** (USSR) 1872,
 (Sempervivum) **reginae-amaliae** (Greece, Albania, Hungary, Macedonia) 1872 (na Queen Amalia of Greece) —> **Sempervivum marmoreum** ssp **reginae-amaliae** by BJM Zonneveld 1999,
 (Synadenium) **arborescens** 1862,
 (Synadenium) **carinatum** 1862,
 (Umbilicus) **chloranthus** (Italy, Balkans, Greece, Crete, Turkey) 1872,
 (Umbilicus) **chrysacanthus** (Turkey) 1849 —> **Prometheum chrysacanthum** by H 't Hart 1995,
 (Umbilicus) **elymaeiticus** [w HC Haussknecht] (Turkmenistan, Turkey, Iran) 1872 —> **Rosularia elymaitica** by A Berger 1930,
 (Umbilicus) **haussknechtii** [w GF Reuter] (Turkey) 1872 (na HC Haussknecht) —> **Rosularia haussknechtii** by A Berger 1930,
 (Umbilicus) **intermedius** (Greece, Turkey, Syria, Saudi Arabia) 1872 —> **Umbilicus horizontalis** var **intermedius** by CJ Chamberlain 1972,
 (Umbilicus) **lineatus** (Lebanon, Syria, Israel) 1847 —> **Rosularia lineata** by A Berger 1930,
 (Umbilicus) **multicaulis** [w FA Buhse] (Turkmenistan, Iran) 1860 —> **Pseudosedum multicaule** by AG Borissova 1933,
 (Umbilicus) **persicus** (Turkey, Syria, Lebanon, Israel, Iran, Iraq, Armenia, Azerbaidzhan) 1843
 —> **Rosularia sempervivum** ssp **persica** by UV Eggli 1988,
 (Umbilicus) **pestalozzae** (Turkey, Syria) 1872 (na F Pestalozza) —> **Rosularia sempervivum** ssp **pestalozzae** by UV Eggli 1988,
 (Umbilicus) **tropaeolifolius** (Turkey, Iraq, Iran, Somalia) 1843;
transfer species:
 “Arthrothamnus brachiatus” (JF Klotzsch 1860) —> **Euphorbia brachiata** 1862,
 “Arthrothamnus burmannii” (JF Klotzsch 1860) —> **Euphorbia burmannii** 1860,
 “Cotyledon subulata” (CA Meyer 1831) —> **Sedum subulatum** 1872,
 “Euphorbia bracteata” (NJ von Jacquin 1798) —> **Pedilanthus bracteatus** by 1862,
 “Umbilicus lampusae” (CGT Kotschy 1865) —> **Sedum lampusae** 1872,
 “Umbilicus microstachyus” (CGT Kotschy 1865) —> **Sedum microstachyum** 1872;
desc variety:
 (Euphorbia burmannii var) **karroensis** (Western Cape) 1862 (disc by JF Drege c1830) —> **Euphorbia karroensis** by NE Brown 1915.



† **Boiteau, Pierre Louis** (3 Dec 1911–1 Sep 1980); {Boiteau}; French botanist & phytochemist; curator of bot garden in Antananarivo, Mada 1935–47; collected in Mada; spouse Marthe Boiteau; daughter L Allorge;
Book [1995] *Kalanchoe (Crassulaceae) de Mada; Systématique, Écophysiologie et Phytochimie* [w L Allorge-Boiteau] Paris, France; French; 252p;

species nah:

(Euphorbia) **boiteaui** (Mada) (desc & nah by JD Leandri 1946);

disc species:

(Aloe) **boiteaui** (Mada) (desc & nah by A Guillaumin 1942);

desc species:

(Euphorbia) **ankarensis** (Mada) 1942,
 (Euphorbia) **guillauminiana** (Mada) 1942 (na A Guillaumin),
 (Euphorbia) **leandriana** (Mada) 1942 (na JD Leandri),
 (Euphorbia) **pachypodioides** (Mada) 1942,
 (Kalanchoe) **pseudocampanulata** [w JDO Mannoni] (Mada) 1947,
 (Kalanchoe) **rhombopilosa** [w JDO Mannoni] (Mada) 1947,
 (Kalanchoe) **serrata** [w JDO Mannoni] (Mada) 1947,
 (Stapelia) **montagnacii** (Mada) 1941 (na PR Montagnac) —> **Stapelianthus montagnacii** by PL Boiteau & A Bertrand 1950;

desc forma:

(Kalanchoe pumila fa) **venustior** (Mada) 1995.

† **Boivin, Louis Hyacinthe** (27 Aug 1808–7 Dec 1852); {Boivin}; French botanist; student of RL Desfontaines & JL de Jussieu in Paris; botanist on French Museum Oise expedition to Canary Islands, Cape, east coast of Africa, Reunion, Mauritius & Mada 1846–52;

species nah:

(Poinciana) **boiviniana** (Mada) (desc & nah by HE Baillon 1883) —> **Delonix boiviniana** by RPR Capuron 1968,

(Talinella) **boiviniana** (Mada) (desc & nah by HE Bailon 1886);

disc species:

(Aloe) **mayottensis** (Mada) c1848 (desc by A Berger 1905),
 (Momordica) **boivinii** (Ethiopia, Angola, Kenya, Tanzania, Uganda, Botswana, Malawi, Zambia, Mozambique, Zimbabwe, Natal) (desc & nah by HE Baillon 1886).



† **Boje, Wenceslas** [Wencelaus, Wenzel] [name at birth **Pojer**, Vaclar] (23 Sep 1795–4 Jun 1856); {Bojer}; Austrian horticulturist & naturalist; worked w FW Sieber at Imperial Museum, Vienna, Austria 1813–20; explored on Mauritius Island 1821 & Mada 1822; prof of natural history & chemistry at Royal College, Port Louis, Mauritius 1826–32; curator at Mauritius Natural History Museum 1842~; collected in Mauritius Island 1821 & 1823, Mada & Comoros Islands 1822–23 & coast of East Africa;

Book [1837] *Hortus Mauritanus* Mauritius; 456p;

species nah

(Senecio) **bojeri** (tropical Africa Ethiopia to Angola) (desc & nah by AP de Candolle 1837)

—> **Crassodephalum bojeri** by FHE Robyns 1947;

disc species:

(Euphorbia) **splendens** (Mada) (desc by WJ Hooker 1829) —> **Euphorbia milii** var **splendens** by E Ursch & JD Leandri 1955;

desc species:

(Sansevieria) **cylindrica** (Angola, Zambia) 1837.



† **Boke**, (Prof) (Dr) **Norman Hill** (14 Mar 1913–8 Feb 1996); {Boke}; US botanist & cactologist; PhD in botany at Univ of Calif, Berkeley 1939; taught at Univ of New Mex & John Hopkins Univ ≈1945; prof of botany & microbiology at Univ of Oklahoma, Norman, Okla 1945–81; editor of *Amer Journal of Botany* 1970–75; specialized in the developmental anatomy of cacti; explored in Mex 1960–68; IOS member 1955; CSSA Fellow award 1971; spouse

Nicki Boke;

Book [2003] *Development of the Vegetative Shoot in Rhipsalis cassytha*; 10p; (first pub 1955 in *Amer Journal of Botany*);

genus nah:

Normanbokea (desc & nah by L Kladiwa & F Buxbaum 1969) (syn of *Turbinocarpus* BUXBAUM & BACKEBERG);

disc species:

(*Epithelantha*) **bokei** (Texas, Coahuila) 1955 (desc & nah by LD Benson 1969).



† **Bokelmann**, [née Faekle,] **Hertha Ludovica** (22 Aug 1915–10 Feb 2005); Spanish bot artist, horticulturist & botanist; to RSA 1937; worked at Stellenbosch Univ botanic garden one year;

Book 1966] *Wild Flowers of the Eastern Cape Prov* [co-artist w A Batten] Cape Town, RSA; Eng; 185p.

† **Boldingh**, (Dr) **Isaac** (22 Jul 1879–1938); {Bold.}; Dutch botanist; PhD at Univ of Utrecht 1909; botanist at Univ of Utrecht 1908–14, at Buitenzorg herbarium 1914–17 & at General Experiment Station for Agriculture at Buitenzorg 1917–32; worked on flora of Dutch West Indies;

Book [1909–1914] *The Flora of the Dutch West Indian Islands* Leiden, Netherlands; Dutch/Eng; 518p; (in 2 Vols);

[1909] Vol 1; St. Eustatius, Saba & St. Martin; 321p;

[1914] Vol 2; *Curaçao, Aruba & Bonaire*; 197p,

[1913] *Flora voor de Nederlandsch West-Indische Eilanden* Amsterdam, Netherlands; 450p;

species nah:

(*Agave*) **boldinghiana** (Cuba, Bonaire & Curacao of West Indies) (desc & nah by WA Trelease 1913),

(*Opuntia*) **boldinghii** (Netherlands Antilles, Trinidad, Tobago, Venezuela) (desc & nah by NL Britton & JN Rose 1919 & disc by NL Britton & JA Shafer 1913).

† **Bolivar**, [Bolívar y Pieltain,] **Cándido** (15 Apr 1897–22 Nov 1976); Spanish entomologist, zoologist & naturalist; MSc at Central Univ of Madrid, Spain 1914 & prof 1922–39; to Mex 1939; prof at Escuela Nacional de Ciencias Biologicas, Mex; explored in Morocco, Italy, US & Mex; pres of Mex Soc of Natural History; spouse Amelia [née Goyanes Echegoyen] Bolivar;

species nah:

(*Bursera*) **bolivarii** (Geurrero, Puebla) (desc & nah by J Rzedowski 1970).



† **Bolle**, Carl [Karl] **August** (21 Nov 1821–17 Feb 1909); {Bolle}; Ger botanist, horticulturist, dendrologist & ornithologist in Berlin, Ger; collected in Canary Islands & Cape Verde Islands

1852 & 1856;

desc species:

(Aeonium) **castello-paivae** (Canary Islands) 1859 (na Baron do Castello de Paiva),
(Aeonium) **decorum** (Canary Islands) 1859,
(Aeonium) **saundersii** (Canary Islands) 1859 (na WW Saunders),
(Aeonium) **viscatum** (Canary Islands) 1859 → **Aeonium lindleyi** var **viscatum** by HY Liu 1989,
(Aichryson) **bethencourtianum** (Canary Islands) 1859 (na J de Bethencourt),
(Aichryson) **bollei** (Canary Islands) 1859 (na CA Bolle by PB Webb),
(Aichryson) **pachycaulon** (Canary Islands) 1859,
(Aichryson) **palmense** (Canary Islands) 1859,
(Aichryson) **parlatorei** (Canary Islands) 1859 (na F Parlatores),
(Aichryson) **porphyrogenetos** (Canary Islands) 1859,
(Aichryson) **sedifolium** (Canary Islands) 1859 → **Aeonium sedifolium** by CJM Pitard & LA Proust 1909,
(Ceropegia) **fusca** (Canary Islands) 1861 (disc by him 1860),
(Greenovia) **aizoon** (Canary Islands) 1859 → **Aeonium aizoon** by THM Mes 1995,
(Greenovia) **diplocycla** (Canary Islands) 1859 → **Aeonium diplocyclum** by THM Mes 1995,
(Greenovia) **gracilis** (Canary Islands) 1859,
(Petrophytes) **icterica** (Canary Islands) 1859 → **Monanthes iterica** by KHH Christ 1888,
(Petrophytes) **minima** (Canary Islands) 1859 → **Monanthes minima** by KHH Christ 1888,
(Petrophytes) **muralis** (Canary Islands) 1859 → **Monanthes muralis** by JD Hooker 1872,
(Umbilicus) **schmidtii** (Cape Verde Islands) 1859 (disc by JA Schmidt 1850 & nah).

† **Bolos**, [Bolos i Capdevila,] Oriol de (16 Mar 1924–22 Mar 2007); {O.Bolos}; Spanish geobotanist & taxonomist;

transfer species:

“*Sedum moroderi*” (C y E Pau 1934) > **Sedum dasyphyllum** var **moroderi** [w J Vigo] 1984.

† **Bolton** & District Cactus Soc (1946–c2008); Great Britain branch;

Book [1950] *C&S Handbook*; 24p.



† **Bolus**, [néé Kensit,] (Dr hc) Harriet Margaret **Louisa** [Lulu] (31 Jul 1877–5 Apr 1970); {L.Bolus}; RSA analytical worker, botanist & taxonomist in Cape Town, RSA; BA at S African College, Cape Town 1902; curator at Bolus Herbarium (1903–55), Univ of Cape Town; visited Kew number of times; desc about 1,700 species of succ, primarily Mesembs; author in many publications; honorary doctorate from Stellenbosch Univ 1942; IOS member 1955 & honorary member 1959; CSSA Fellow award 1969; great-niece & daughter-in-law of Harry Bolus; spouse Frank Bolus (1870–1945), son of Harry Bolus;

Book [1919] *Elementary Lessons in Systematic Botany* Cape Town; 96p; (w illustrations by MM Page),

[1925] *A Book of S African Flowers* [w paintings by D Barclay & photos by EJ Steer] Cape Town, RSA; Eng; 174p,

[1928] *Notes on Mesemb & some Allied Genera* Cape Town; Eng; 156p; illustrated by MM Page & BO Carter,

[1928–35] *Notes on Mesemb & Allied Genera, Part II* Cape Town; Eng; over 520p; (in 27 parts),

[1936] *A Second Book of S African Flowers* Cape Town; Eng; 214p; (drawing & paintings by D Barclay, BO Carter & MM Page — photos by EJ Steer);

genera nah:

Bolusanthemum (desc & nah by MHG Schwantes 1928) (syn of *Hereroa* DINTER & SCHWANTES),

Kensitia [néé Kensit] (Cape) (desc & nah by FKG Fedde 1940) (syn of *Erepsia* NE BROWN);

desc genera:

Amphibolia (Cape) 1965 (name first used by HML Bolus but technically published by AGJ Herre in 1971),
Anisocalyx (Namaq) 1958,
Berrisfordia (Namaq) 1932 (disc by G Berrisford 1931 & nah) (syn of *Conophytum* N.E.BROWN),
Echinus (Cape) 1927,
Esterhuysenia, (Western Cape) 1967 (na EE Esterhuysen),
Eurystigma (Cape) 1930 (syn of *Mesemb* LINNAEUS),
Henricia (Great Karoo, Cape) 1936 (na M Henrici) (replaced by **Neohenricia** below because **Henricia** was used before for another group of plants),
Jacobsenia [w MHG Schwantes] (Little Namaq, Western Cape) 1954 (na HJ Jacobsen),
Leipoldtia (s Namibia, Cape) 1927 (na CFL Leipoldt),
Maughaniella (Cape) 1961 (na H Maughan Brown) (syn of *Diplosoma* SCHWANTES),
Mimetophytum (Namaq) 1954,
Namaquanthus (Little Namaq) 1954,
Neohenricia (Northern Cape, Eastern Cape, Free State) 1938 (na M Henrici),
Orthopterum (Eastern Cape) 1927,
Ottosonderia (Little Namaq) 1958 (na Otto W Sonder),
Peersia (Cape) 1927 (na VS Peers),
Ruschianthus (Great Namaq) 1960 (na EFT Rusch),
Schonlandia 1927 (na S Schonland) (syn of *Delosperma* N.E.BROWN);
Scopelogenia (Northern Cape, Western Cape) 1962,
Skiatophytum (Western Cape) 1927,
Stayneria (Western Cape) 1960 (na FJ Stayner),
Vanzijlia (Northern Cape, Western Cape) 1927 (na D van Zijl),
Wooleya (Little Namaq) 1960 (na CHF Wooley);

species nah:

(*Conophytum*) **bolusiae** (Western Cape) (desc & nah by MHG Schwantes 1929 & disc by M Schlechter c1926),
(*Ruschia*) **bolusiae** (Western Cape) (desc & nah by MHG Schwantes 1938),
(*Stomatium*) **bolusiae** (Free State) (desc & nah by MHG Schwantes 1930);

disc species:

(*Phiambolia*) **longifolia** (Western Cape) 1932 (desc by C Klak 2008),
(*Ruschia*) **albida** (Western Cape) 1938 (disc by C Klak 2008);

desc species:

(*Aloe*) **framesii** (Northern Cape, Western Cape) 1933 (disc by PR Frames 1929 & nah),
(*Aloinopsis*) **acuta** (Cape) 1958 (disc by FH Kriel 1939),
(*Aloinopsis*) **broomii** (Transvaal) 1935 (disc by R Broom 1934 & nah) —> **Nananthus broomii** by HML Bolus 1938,
(*Aloinopsis*) **gerstneri** (Cape) 1937 (na J Gerstner) —> **Nananthus gerstneri** by HML Bolus 1938,
(*Aloinopsis*) **loganii** (Western Cape) 1933 (na J Logan & disc by him 1933),
(*Aloinopsis*) **pallens** (Northern Cape) 1935 —> **Nananthus pallens** by HML Bolus 1938,
(*Aloinopsis*) **peersii** (Cape) 1929 (na VS Peers),
(*Aloinopsis*) **schooneesii** (Cape) 1931 (disc by DH Schoonees 1931 & nah),
(*Aloinopsis*) **thudichumii** (Cape) 1954 (na J Thudichum) —> **Deilanthus thudichumii** by SA Hammer 1995,

(Aloinopsis) **wilmaniae** (Namibia) 1933 (na M Wilman) —> **Nananthus wilmaniae** by HML Bolus 1938,
 (Amoebophyllum) **roseum** (Little Namaq) 1927 —> **Phyllobolus roseus** by M Gerbault 1997,
 (Anisocalyx) **salarius** (Namaq) 1958 —> **Drosanthemopsis salaria** by S Rauschert 1982,
 (Apicra) **rubriflora** (Western Cape) 1920 —> **Poellnitzia rubriflora** by AJA Uitewaal 1940,
 (Aptenia) **lancifolia** (Limpopo) 1959,
 (Argyroderma) **angustipetalum** (Cape) 1934,
 (Argyroderma) **aureum** (Cape) 1934,
 (Argyroderma) **australe** (Cape) 1934,
 (Argyroderma) **blandum** (Cape) 1934,
 (Argyroderma) **brevitubum** (Cape) 1934,
 (Argyroderma) **carinatum** (Cape) 1934,
 (Argyroderma) **citrinum** (Cape) 1934,
 (Argyroderma) **congregatum** (Western Cape) 1932,
 (Argyroderma) **densipetalum** (Cape) 1934,
 (Argyroderma) **formosum** (Cape) 1934,
 (Argyroderma) **framesii** (Western Cape) 1934 (na PR Frames),
 (Argyroderma) **gregarium** (Cape) 1937,
 (Argyroderma) **hallii** (Western Cape) 1963 (na H Hall) —> **Argyroderma framesii** ssp **hallii** by
 HEK Hartmann 1973,
 (Argyroderma) **hutchinsonii** (Cape) 1929 (na J Hutchinson),
 (Argyroderma) **kleijnhansii** (Cape) 1934,
 (Argyroderma) **latipetalum** (Cape) 1934,
 (Argyroderma) **leucanthum** (Cape) 1934,
 (Argyroderma) **longipes** (Cape) 1934,
 (Argyroderma) **luckhoffii** (Cape) 1934 (na HA Luckhoff),
 (Argyroderma) **nortieri** (Cape) 1934,
 (Argyroderma) **orientale** (Cape) 1934,
 (Argyroderma) **ovale** (Cape) 1934,
 (Argyroderma) **patens** (Western Cape) 1950,
 (Argyroderma) **peersii** (Cape) 1934 (na VS Peers),
 (Argyroderma) **planum** (Cape) 1934,
 (Argyroderma) **productum** (Cape) 1934,
 (Argyroderma) **pulvinare** (Cape) 1934,
 (Argyroderma) **reniforme** (Cape) 1937,
 (Argyroderma) **ringens** (Western Cape) 1934,
 (Argyroderma) **speciosum** (Cape) 1934,
 (Argyroderma) **splendens** (Cape) 1934,
 (Argyroderma) **strictum** (Cape) 1937,
 (Argyroderma) **subrotundum** (Cape) 1934,
 (Aridaria) **abbreviata** (Western Cape) 1930 —> **Phyllobolus abbreviatus** by M Gerbault 1997,
 (Aridaria) **brevicarpa** (Namibia, Namaq, Western Cape) 1929,
 (Aridaria) **congesta** (Western Cape) 1930 —> **Phyllobolus congestus** by M Gerbault 1997,
 (Aridaria) **decidua** (Little Namaq) 1927 —> **Phyllobolus deciduus** by M Gerbault 1997,
 (Aridaria) **decurvata** (Little Namaq) 1927 —> **Phyllobolus decurvatus** by M Gerbault 1997,
 (Aridaria) **latipetala** (Little Namaq) 1929 —> **Phyllobolus latipetalus** by M Gerbault 1997,
 (Aridaria) **pentagona** (Little Namaq, Western Cape) 1929 —> **Phyllobolus splendens** ssp **pentagonus** by
 M Gerbault 1997,

(Aridaria) **prasina** (Little Namaq) 1928 —> **Phyllobolus prasinus** by M Gerbaulet 1997,
 (Aridaria) **pumila** (Northern Cape, Western Cape) 1930 —> **Phyllobolus pumilus** by M Gerbaulet 1997,
 (Aridaria) **quartzitica** (Little Namaq, Western Cape) 1929 —> **Phyllobolus quartziticus** by M Gergaulet
 1997,
 (Aridaria) **rabiei** (Orange Free State) 1927 (na WA Rabie) —> **Phyllobolus rabiei** by M Gerbaulet 1997,
 (Aridaria) **radicans** (Eastern Cape) 1927 —> **Prenia radicans** by M Gergaulet 1996,
 (Aridaria) **serotina** (Namibia, Western Cape) 1928,
 (Aridaria) **saturata** (Little Namaq, Western Cape) 1930 —> **Phyllobolus saturatus** by M Gerbaulet 1997,
 (Aridaria) **vespertina** (Little Namaq) 1928,
 (Astridia) **dulcis** (Little Namaq) 1963,
 (Astridia) **hallii** (Namibia) 1958 (na H Hall),
 (Astridia) **herrei** (Little Namaq) 1964 (na AGJ Herre),
 (Astridia) **hillii** (Little Namaq) 1962 (na LJ Hill),
 (Astridia) **speciosa** (Little Namaq) 1961,
 (Astridia) **vanheerdei** (Little Namaq) 1962 (na P van Heerde),
 (Bergeranthus) **addoensis** (Cape) 1938 (disc by ER Long 1937),
 (Bergeranthus) **artus** (Cape) 1927),
 (Bergeranthus) **concavus** (Eastern Cape) 1938 (disc by APF Kluth 1935),
 (Bergeranthus) **katbergensis** (Cape) 1950 (disc by EE Esterhuysen 1946),
 (Bergeranthus) **leightoniae** (Cape) 1950 (disc by FM Leighton 1934 & nah),
 (Bergeranthus) **longisepalus** (Eastern Cape) 1935,
 (Berrisfordia) **khamiesbergensis** (Little Namaq) 1932 (disc by G Berrisford 1931) —> **Conophytum**
khamiesbersense by MHG Schwantes 1950,
 (Carpobrotus) **quadrifidus** (Namaq to Western Cape) 1928,
 (Carruanthus) **peersii** (Eastern Cape) 1936 (na VS Peers),
 (Cephalophyllum) **alstonii** (Western Cape) 1928 (na EG Alston),
 (Cephalophyllum) **baylissii** 1963 (na RDA Bayliss),
 (Cephalophyllum) **compressum** (Namibia) 1962,
 (Cephalophyllum) **cupreum** (coast of Namaq) 1929 —> **Jordaaniella cuprea** by HEK Hartmann 1984,
 (Cephalophyllum) **framesii** (Northern Cape, Western Cape) 1929 (na PR Frames),
 (Cephalophyllum) **frutescens** (Namibia, Cape) 1954 —> **Leipoldtia frutescens** by HEK Hartmann 1983,
 (Cephalophyllum) **fulleri** (Namaq) 1929 (na ER Fuller),
 (Cephalophyllum) **goodii** (Namaq) 1929 (na EA Good),
 (Cephalophyllum) **hallii** (Northern Cape) 1960 (na H Hall),
 (Cephalophyllum) **herrei** (Namibia, nw Namaq) 1932 (na AGJ Herre),
 (Cephalophyllum) **inaequale** (Namaq) 1928,
 (Cephalophyllum) **niveum** (Namaq, Western Cape) 1931,
 (Cephalophyllum) **parviflorum** (Western Cape) 1928,
 (Cephalophyllum) **pillansii** (Namaq) 1929 (na NS Pillans),
 (Cephalophyllum) **pulchellum** (Western Cape) 1939,
 (Cephalophyllum) **pulchrum** (Western Cape) 1932,
 (Cephalophyllum) **regale** (Namaq) 1932,
 (Cephalophyllum) **rigidum** (Namaq) 1928,
 (Cephalophyllum) **staminidiosum** (Western Cape) 1930,
 (Cephalophyllum) **uniflorum** (coast of Little Namaq) 1929 —> **Jordaaniella uniflora** by HEK Hartmann
 1984,
 (Chasmatophyllum) **maninum** (Northern Cape) 1927,

(Chasmatophyllum) **rouxii** (Northern Cape) 1936 (na CHD Roux),
 (Chasmatophyllum) **willowmorense** (Eastern Cape) 1933,
 (Cheiridopsis) **acuminata** (Little Namaq) 1931,
 (Cheiridopsis) **alata** (Little Namaq) 1931,
 (Cheiridopsis) **aspera** (Little Namaq) 1929,
 (Cheiridopsis) **excavata** (Little Namaq) 1937 (disc by AGJ Herre 1935) —> **Ihlenfeldtia excavata** by
 HEK Hartmann 1992,
 (Cheiridopsis) **herrei** (Little Namaq) 1931 (na AGJ Herre),
 (Cheiridopsis) **hilmari** (Cape) 1932 (disc by Hilmar A Luckhoff 1931 & nah) —> **Deilanthus hilmari** by
 HEK Hartmann 2002,
 (Cheiridopsis) **hutchinsonii** (Cape) 1929 (na J Hutchinson),
 (Cheiridopsis) **imitans** (Namaq) 1935,
 (Cheiridopsis) **littlewoodii** (RSA) 1961 (na RC Littlewood),
 (Cheiridopsis) **parvibracteata** (Namaq) 1929 —> **Cephalophyllum parvibracteatum** by HEK Hartmann
 1989,
 (Cheiridopsis) **pillansii** (Little Namaq) 1927 (na CE Pillans),
 (Cheiridopsis) **pilosula** (Namaq) 1958,
 (Cheiridopsis) **purpurea** (Little Namaq) 1931,
 (Cheiridopsis) **richardiana** (Cape) (na (Mr) Richard),
 (Cheiridopsis) **rudis** (Namaq) 1932,
 (Cheiridopsis) **speciosa** (Namaq) 1927,
 (Cheiridopsis) **turbinata** (Little Namaq) 1929,
 (Cheiridopsis) **umdausensis** (Little Namaq) 1937,
 (Cheiridopsis) **verrucosa** (Namaq) 1927,
 (Cheiridopsis) **vanbredai** (Cape) 1963 (disc by PAB van Breda 1961 & nah) —> **Ihlenfeldtia excavate**
 ssp **vanbredai** By SA Hammer 2013,
 (Cheiridopsis) **vanzylia** (Cape) 1929 (disc by G van Zyl 1928 & nah) —> **Ihlenfeldtia vanzylia** by
 HEK Hartmann 1992,
 (Cissus) **oleracea** (Limpopo) 1909 —> **Cyphostemma oleraceum** by FZ van der Merwe 1971,
 (Conicosia) **alborosea** (Namaq) 1958—> **Conicosia pugioniformis** ssp **alborosea** by H-D Ihlenfeldt &
 M Gerbaulet 1990,
 (Conicosia) **australis** (Cape) 1958,
 (Conophyllum) **globosum** (Northern Cape) 1937 —> **Meyerophytum globosum** by H-D Ihlenfeldt 2001,
 (Conophytum) **acutum** (Cape) 1950 (disc by R Primos 1936),
 (Conophytum) **altum** (Namaq) 1927 (disc by NS Pillans c1916) —> **Conophytum bilobum** ssp **altum** by
 SA Hammer 1993,
 (Conophytum) **barbatum** (Namaq) 1958 (disc by H Hall 1956) —> **Conophytum obscurum** ssp
barbatum by SA Hammer 1993,
 (Conophytum) **bicarinatum** (Western Cape) 1939 (disc by ? Els 1934),
 (Conophytum) **blandum** (Namaq) 1937 (disc by P van Heerde 1937),
 (Conophytum) **boreale** (Bushmanland) 1963 (disc by CFL Leipoldt 1936) —> **Conophytum lithopsoides**
 ssp **boreale** by SA Hammer 1993,
 (Conophytum) **burgeri** (Namaq) 1967 (disc by W Burger & nah),
 (Conophytum) **carpianum** (Little Namaq) 1954 (disc by H Hall 1953 & na B Carp),
 (Conophytum) **ceresianum** (Karoo) 1937 —> **Conophytum obcordellum** var **ceresianum** by SA Hammer
 1993,
 (Conophytum) **concavum** (Namaq) 1936 (disc by AGJ Herre 1934),

(Conophytum) **densipunctum** (Namibia) 1930 (disc by H Erni c1926) —> **Conophytum quaesitum** ssp **densipunctum** by SA Hammer 1993,

(Conophytum) **eenkokerense** (Namaq) 1937 (disc by P van Heerde 1936) —> **Conophytum tantillum** ssp **eenkokerense** by SA Hammer 2002,

(Conophytum) **fulleri** (Namaq) 1929 (disc by ER Fuller 1928 & nah),

(Conophytum) **haramoepense** (Bushmanland) 1937 (disc by P van Heerde 1936) —> **Conophytum marginatum** ssp **haramoepense** by SA Hammer 2002,

(Conophytum) **koubergense** [koubergensis] (Namaq) 1962 (disc by P van Heerde 1947) —> **Conophytum lithopsoides** ssp **koubergense** by SA Hammer 1993,

(Conophytum) **lithopsoides** (Namaq) 1938 (disc by OB Chisholm),

(Conophytum) **littlewoodii** (SWAfrica) 1961 (disc by RC Littlewood 1959 & nah) —> **Conophytum marginatum** ssp **littlewoodii** by SA Hammer 2002,

(Conophytum) **longibracteatum** (Namaq) 1937 (disc by AGJ Herre 1929),

(Conophytum) **pillansii** (Cape) 1929 (na NS Pillans),

(Conophytum) **semivestitum** (Bushmanland) 1937 (disc by LG Meyer 1933),

(Conophytum) **stenandrum** (Namaq) 1961 —> **Conophytum obcordellum** ssp **stenandrum** by SA Hammer 1993,

(Conophytum) **stevens-jonesianum** (Cape) 1964 (na W Stevens-Jones),

(Conophytum) **sulcatum** (Namaq) 1963 (disc by RC Littlewood 1961) —> **Conophytum ectypum** ssp **sulcatum** by SA Hammer 1993,

(Crassula) **dependens** (Northern Cape, Eastern Cape, Free State, Namibia, Lesotho) 1881,

(Cryophytum) **stenandrum** (Free State, Northern Cape, Western Cape) 1929 —> **Mesemb stenandrum** by HML Bolus 1939,

(Cryophytum) **suffruticosum** (Western Cape) 1931 —> **Phyllobolus suffruticosus** by M Gerbaulet 1997,

(Cylindrophyllum) **comptonii** (Western Cape) 1932 (na RH Compton),

(Cylindrophyllum) **hallii** (Northern Cape) 1960 (na H Hall),

(Cylindrophyllum) **tugwelliae** (Western Cape) 1930 (na AM Tugwell),

(Dactyloopsis) **littlewoodii** (Western Cape) 1963 (disc by RC Littlewood 1960 & nah) —> **Phyllobolus digitatus** ssp **littlewoodii** by M Gerbaulet 1997,

(Delosperma) **acocksii** (Cape) 1958 (na JPH Acocks),

(Delosperma) **acuminatum** (Cape) 1928,

(Delosperma) **algoense** (Cape) 1929,

(Delosperma) **aliwalense** (Cape) 1938,

(Delosperma) **alticola** (Natal) 1933,

(Delosperma) **angustifolium** (Eastern Cape) 1954 —> **Corpuscularia angustifolia** by HEK Hartmann 2001,

(Delosperma) **annulare** (Transvaal) 1933,

(Delosperma) **appressum** (Eastern Cape) 1961 —> **Corpuscularia appressa** by HEK Hartmann 2001,

(Delosperma) **ashtonii** (Basutoland) 1932 (disc by H Ashton & nah),

(Delosperma) **ausense** (RSA) 1950,

(Delosperma) **basuticum** (Basutoland) 1958,

(Delosperma) **brevipetalum** (Cape) 1929,

(Delosperma) **brevisepalum** (Cape) 1930,

(Delosperma) **britteniae** (Eastern Cape) 1928 (na LL Britten) —> **Corpuscularia britteniae** by HEK Hartmann 2001,

(Delosperma) **burtoniae** (Cape) 1928 (na MG Burton),

(Delosperma) **caespitosum** (Cape) 1930,

(Delosperma) **calitzdorpense** (Cape) 1950,
 (Delosperma) **calycinum** (Cape) 1928,
 (Delosperma) **carterae** (Cape) 1935 (na BO Carter),
 (Delosperma) **concevum** (Cape) 1932,
 (Delosperma) **congestum** (Basutoland) 1954,
 (Delosperma) **crassum** 1930,
 (Delosperma) **dunense** (Cape) 1929,
 (Delosperma) **dyeri** (Cape) 1928 (disc by RA Dyer 1926 & nah),
 (Delosperma) **erectum** 1934,
 (Delosperma) **esterhuyseniae** (Cape) 1959 (na EE Esterhuysen),
 (Delosperma) **floribundum** (Orange Free State) 1928,
 (Delosperma) **framesii** (Transvaal) 1929 (na PR Frames),
 (Delosperma) **frutescens** (Cape) 1929,
 (Delosperma) **galpinii** (Natal) 1933 (na EE Galpin),
 (Delosperma) **gerstneri** (Basutoland) 1934 (na J Gerstner),
 (Delosperma) **gracile** (Eastern Cape) 1961 —> **Corpuscularia gracilis** by HEK Hartmann 2001,
 (Delosperma) **gracillimum** (Natal) 1964,
 (Delosperma) **gramineum** (RSA) 1966,
 (Delosperma) **grandiflorum** (Cape) 1934,
 (Delosperma) **grantiae** (Cape) 1929 (na AG Grant),
 (Delosperma) **gratiae** (Eastern Cape) 1933 (na Grace V Britten),
 (Delosperma) **hallii** (Great Namaq) 1960 (na H Hall) —> **Hartmanthus hallii** by SA Hammer 1995,
 (Delosperma) **hollandii** (Cape) 1929 (na FH Holland),
 (Delosperma) **imbricatum** 1930,
 (Delosperma) **inaequale** (Cape) 1958,
 (Delosperma) **inconspicuum** (Cape) 1928,
 (Delosperma) **intonsum** (Cape) 1932,
 (Delosperma) **karrooicum** (Cape) 1932,
 (Delosperma) **katbergense** (Cape) 1928,
 (Delosperma) **lavisiae** (Kalahari) 1928 (na MG Lavis),
 (Delosperma) **laxipetalum** (Cape) 1929,
 (Delosperma) **lebomboense** (Transvaal) 1967,
 (Delosperma) **liebenbergii** (Transvaal) 1954 (na LCC Liebenberg),
 (Delosperma) **lineare** (Basutoland) 1928,
 (Delosperma) **longipes** (Western Cape) 1929 —> **Drosanthemum longipes** by HEK Hartmann 2001,
 (Delosperma) **luckhoffii** (RSA) 1929 (na J Luckhoff),
 (Delosperma) **luteum** (Cape) 1933,
 (Delosperma) **lydenburgense** (Transvaal) 1958,
 (Delosperma) **macrostigma** (Cape) 1930,
 (Delosperma) **mariae** (Cape) 1931 (na Marie E Galpin),
 (Delosperma) **maxwellii** (Eastern Cape) 1929 (na Maxwell Bolus),
 (Delosperma) **muirii** (Cape) 1935 (na J Muir),
 (Delosperma) **multiflora** (Cape) 1928,
 (Delosperma) **nelii** (Basutoland) 1958 (na GC Nel),
 (Delosperma) **obtusum** (Orange Free State) 1933,
 (Delosperma) **pachyrhizum** (Zululand) 1933,
 (Delosperma) **pallidum** 1931,

(Delosperma) **parviflorum** (Cape) 1928,
 (Delosperma) **peglerae** (Cape) 1929 (na A Pegler),
 (Delosperma) **pergamentaceum** (Namaq) 1927 —> **Hartmanthus pergamentaceus** by SA Hammer
 1995,
 (Delosperma) **pilosulum** (Basutoland) 1954,
 (Delosperma) **platysepalum** (Cape) 1929,
 (Delosperma) **pondoense** (Cape) 1958,
 (Delosperma) **pontii** (Orange Free State) 1931 (na JW Pont),
 (Delosperma) **prasinum** (Cape) 1933,
 (Delosperma) **pubipetalum** (Cape) 1950,
 (Delosperma) **repens** 1934,
 (Delosperma) **rileyi** (Transvaal) 1959 (na HP Riley),
 (Delosperma) **robustum** (Cape) 1928,
 (Delosperma) **saturatum** (Zululand) 1938,
 (Delosperma) **scabripes** 1933,
 (Delosperma) **smytheae** (Natal) 1929 (na D Smythe),
 (Delosperma) **stenandrum** (Cape) 1928,
 (Delosperma) **steytlerae** (Zimbabwe) 1928 (na JW Steytler),
 (Delosperma) **subclavatum** (Cape) 1930,
 (Delosperma) **subintegra** (Eastern Cape) 1934,
 (Delosperma) **subpetiolatum** 1930,
 (Delosperma) **sulcatum** (Cape) 1932,
 (Delosperma) **uitenhagense** (Cape) 1929,
 (Delosperma) **uncinatum** (Cape) 1929,
 (Delosperma) **uniflorum** (Cape) 1932,
 (Delosperma) **vandermerwei** (Limpopo) 1950 (na FZ van der Merwe),
 (Delosperma) **velutinum** (Natal) 1929,
 (Delosperma) **verecundum** (Cape) 1929,
 (Delosperma) **vernicolor** (Cape) 1933,
 (Delosperma) **versicolor** (Cape) 1933,
 (Delosperma) **virens** (Cape) 1928,
 (Delosperma) **vogtsii** (Transvaal) 1931 (na LR Vogts),
 (Delosperma) **waterbergense** (RSA) 1963,
 (Delosperma) **wethamae** (Orange Free State) 1930 (na J Boddam-Wetham),
 (Delosperma) **zeederbergii** (Transvaal) 1934 (na Mr Zeederberg),
 (Delosperma) **zoeae** (Northern Cape) 1935 (na Zoe Harris),
 (Delosperma) **zoutpansbergense** (Transvaal) 1959,
 (Dinteranthus) **punctatus** (Cape) 1929,
 (Dinteranthus) **wilmotianus** (Cape) 1939 (na C Wilmot),
 (Diplosoma) **leipoldtii** (Cape) 1928 (na CFL Leipoldt),
 (Disphyma) **dunsdonii** (Western Cape) 1931 (na Mr L Dunsdon),
 (Dorotheanthus) **acuminatus** (Cape) 1958,
 (Dorotheanthus) **bidouwensis** (Cape) 1958,
 (Dorotheanthus) **booyensii** (Northern Cape) 1969 (na LI Hall [née Booyens]),
 (Dorotheanthus) **hallii** (Cape) 1958 (na H Hall),
 (Dorotheanthus) **rourkei** (Namaq, Western Cape) 1969 (na JP Rourke),
 (Drosanthemum) **acuminatum** (Western Cape) 1939,

(Drosanthemum) **albens** (Namaq) 1928,
 (Drosanthemum) **ambiguum** (Western Cape) 1932,
 (Drosanthemum) **amomalum** (Western Cape) 1937,
 (Drosanthemum) **archeri** (Western Cape) 1930 (na J Archer),
 (Drosanthemum) **aureopurpureum** (Western Cape) 1964,
 (Drosanthemum) **austriicola** (Western Cape) 1935,
 (Drosanthemum) **autumnale** (Western Cape) 1930,
 (Drosanthemum) **barkerae** (Western Cape) 1932 (na WF Barker),
 (Drosanthemum) **bellum** (Western Cape) 1929,
 (Drosanthemum) **bicolor** (Western Cape) 1950,
 (Drosanthemum) **breve** (Little Namaq) 1932,
 (Drosanthemum) **cereale** (Western Cape) 1958,
 (Drosanthemum) **chrysum** (Western Cape) 1934,
 (Drosanthemum) **comptonii** (Western Cape) 1929 (na RH Compton),
 (Drosanthemum) **concavum** (Northern Cape) 1929,
 (Drosanthemum) **crassum** (Western Cape) 1966,
 (Drosanthemum) **croceum** (Cape) 1934,
 (Drosanthemum) **curtophyllum** (Little Namaq) 1930,
 (Drosanthemum) **cymiferum** (Northern Cape, Western Cape) 1931,
 (Drosanthemum) **dejagerae** (Western Cape) 1932 (na I de Jager),
 (Drosanthemum) **diversifolium** (Namaq) 1928,
 (Drosanthemum) **duplessiae** (Western Cape) 1935 (na E du Plessis),
 (Drosanthemum) **eburneum** (Northern Cape) 1939,
 (Drosanthemum) **edwardsiae** (Western Cape) 1932 (na G Edwards),
 (Drosanthemum) **filiforme** (Little Namaq) 1963,
 (Drosanthemum) **flammeum** (Western Cape) 1958,
 (Drosanthemum) **framesii** (Western Cape) 1927 (na PR Frames),
 (Drosanthemum) **fulleri** (Northern Cape) 1930 (na ER Fuller),
 (Drosanthemum) **glabrescens** (Northern Cape) 1930,
 (Drosanthemum) **globosum** (Western Cape) 1930,
 (Drosanthemum) **godmaniae** (Little Namaq) 1929 (na A Godman),
 (Drosanthemum) **gracillimum** (Western Cape) 1930,
 (Drosanthemum) **hallii** (Western Cape) 1967 (na H Hall),
 (Drosanthemum) **insolitum** (Western Cape) 1958,
 (Drosanthemum) **jamesii** (Eastern Cape) 1932 (na HW James),
 (Drosanthemum) **karrooense** (Western Cape) 1930,
 (Drosanthemum) **latipetalum** (Western Cape) 1929,
 (Drosanthemum) **lavisii** (Western Cape) 1935 (na SW Lavis),
 (Drosanthemum) **laxum** (Western Cape) 1938,
 (Drosanthemum) **leipoldtii** (Western Cape) 1930 (na CFL Leipoldt),
 (Drosanthemum) **leptum** (Western Cape) 1958,
 (Drosanthemum) **lignosum** (Western Cape) 1932,
 (Drosanthemum) **macrocalyx** (Western Cape) 1929,
 (Drosanthemum) **marinum** (Western Cape) 1932,
 (Drosanthemum) **mathewsii** (Western Cape) 1931 (na JW Mathews),
 (Drosanthemum) **muirii** (Western Cape) 1930 (na J Muir),
 (Drosanthemum) **nordenstamii** (Namibia) 1964 (na RB Nordenstam),

(Drosanthemum) **oculatum** (Western Cape) 1932,
 (Drosanthemum) **opacum** (Western Cape) 1930,
 (Drosanthemum) **papillatum** (Western Cape) 1928 —> **Delosperma papillatum** by HML Bolus 1962,
 (Drosanthemum) **pickhardii** (Western Cape) 1967 (na R Pickhard),
 (Drosanthemum) **prostratum** (Western Cape) 1931,
 (Drosanthemum) **pulchellum** (Western Cape) 1930,
 (Drosanthemum) **pulchrum** (Western Cape) 1934,
 (Drosanthemum) **salicola** (Western Cape) 1934,
 (Drosanthemum) **semiglobosum** (Western Cape) 1934,
 (Drosanthemum) **splendens** (Western Cape) 1935,
 (Drosanthemum) **stokoei** (Western Cape) 1927 (na TP Stokoe),
 (Drosanthemum) **strictifolium** (RSA) 1953,
 (Drosanthemum) **subclausum** (Little Namaq) 1939,
 (Drosanthemum) **subplanum** (Western Cape) 1931,
 (Drosanthemum) **tardum** (Little Namaq) 1930,
 (Drosanthemum) **thudichumii** (Western Cape) 1958 (na J Thudichum),
 (Drosanthemum) **tuberculiferum** (Western Cape) 1965,
 (Drosanthemum) **vaginatum** (Little Namaq) 1929 —> **Jacobsenia vaginata** by H-D Ihlenfeldt 1997,
 (Drosanthemum) **vandermerwei** (Western Cape) 1929 (na NJS van der Merwe),
 (Drosanthemum) **vespertinum** (Western Cape) 1930,
 (Drosanthemum) **wittebergense** (Western Cape) 1936,
 (Drosanthemum) **worcesterense** (Western Cape) 1935,
 (Echinus) **stayneri** (Western Cape) 1964 (na FJ Stayner) —> **Braunsia stayneri** by HML Bolus 1965,
 (Echinus) **vanrensburgii** (Western Cape) 1954 (na AD van Rensburg) —> **Braunsia vanrensburgii** by
 HML Bolus 1967,
 (Erepsia) **aperta** (Western Cape) 1954,
 (Erepsia) **brevipetala** (Western Cape) 1934,
 (Erepsia) **distans** (Western Cape) 1928,
 (Erepsia) **esterhuyseniae** (Western Cape) 1939 (na EE Esterhuysen),
 (Erepsia) **hallii** (Western Cape) 1962 (na H Hall),
 (Erepsia) **promontorii** (Western Cape) 1927,
 (Erepsia) **ramosa** (Western Cape) 1928,
 (Erepsia) **saturata** (Western Cape) 1928,
 (Erepsia) **steytlerae** (Western Cape) 1929 (na JW Steytler),
 (Erepsia) **villiersii** (Western Cape) 1960 (na HL de Villiers),
 (Esterhuysenia) **alpina** (Western Cape) 1967 (disc by EE Esterhuysen 1948),
 (Faucaria) **britteniae** (Eastern Cape) 1933 (na LL Britten),
 (Faucaria) **gratiae** (Eastern Cape) 1933 (na Grace V Britten),
 (Faucaria) **subintegra** (Eastern Cape) 1934,
 (Faucaria) **unionalensis** (Cape) 1937,
 (Gasteria) **pillansii** (Little Namaq) 1909 (na NS Pillans),
 (Gibbaeum) **blackburniae** (Western Cape) 1937 (na (Mrs) H Blackburn),
 (Gibbaeum) **esterhuyseniae** (Western Cape) 1958 (na EE Esterhuysen),
 (Gibbaeum) **helmae** (Western Cape) 1933 (na (Mrs) H Helm),
 (Gibbaeum) **luckhoffii** (Western Cape) 1931 (na J Luckhoff),
 (Glottiphyllum) **fergusonae** (Western Cape) 1929 (na E Ferguson),
 (Glottiphyllum) **oligocarpum** (Eastern Cape) 1934,

(Glottiphyllum) **peersii** (Eastern Cape, Western Cape) 1932 (na VS Peers),
 (Haworthia) **variegata** (Western Cape) 1929 (disc by E Ferguson),
 (Hereroa) **acuminata** (Western Cape) 1933,
 (Hereroa) **albanensis** (Eastern Cape) 1950 → **Rhombophyllum albanense** by HEK Hartmann 1998,
 (Hereroa) **aspera** (Western Cape) 1933,
 (Hereroa) **brevifolia** (Western Cape) 1929,
 (Hereroa) **calycina** (Eastern Cape) 1928,
 (Hereroa) **concava** (Western Cape) 1928,
 (Hereroa) **crassa** (Western Cape) 1932,
 (Hereroa) **dyeri** (Eastern Cape) 1928 (na RA Dyer) → **Rhombophyllum dyeri** by HEK Hartmann 1998,
 (Hereroa) **fimbriata** (Western Cape) 1928,
 (Hereroa) **gracilis** (Western Cape) 1931,
 (Hereroa) **incurva** (Cape) 1929,
 (Hereroa) **joubertii** (Western Cape) 1935 (na AJ Joubert),
 (Hereroa) **latipetala** (Western Cape) 1928,
 (Hereroa) **muirii** (Western Cape) 1927 (na J Muir),
 (Hereroa) **pallens** (Little Namaq) 1939,
 (Hereroa) **stanfordiae** (Northern Cape) 1935 (na KC Stanford),
 (Hereroa) **stenophylla** (Cape) 1950,
 (Hereroa) **tenuifolia** (Western Cape) 1931,
 (Hereroa) **teretifolia** (Western Cape) 1928,
 (Hereroa) **willowmorensis** (Eastern & Western Cape) 1932,
 (Hereroa) **wilmaniae** (Northern Cape) 1929 (na M Wilman),
 (Hymenocyclus) **crassus** (Western Cape) 1932 → **Malephora crassa** by HJH Jacobsen & MHG Schwantes 1958,
 (Hymenocyclus) **framesii** (Western Cape) 1929 (na PR Frames) → **Malephora framesii** by HJ Jacobsen & MHG Schwantes 1958,
 (Hymenocyclus) **latipetalus** (Western Cape) 1929 → **Malephora latipetala** by HJ Jacobsen & MHG Schwantes 1958,
 (Hymenocyclus) **smithii** (Free State) 1927 (na CA Smith) → **Malephora smithii** by HEK Hartmann 2001,
 (Hymenocyclus) **uitenhagensis** (Eastern Cape & Western Cape) 1929 → **Malephora uitenhagensis** by HJ Jacobsen & MHG Schwantes 1958,
 (Hymenogyne) **conica** (Western Cape) 1950,
 (Jacobsenia) **hallii** (Little Namaq, Western Cape) 1958 (na H Hall),
 (Jensenobotrya) **vanheerdei** (RSA) 1966 (na P van Heerde),
 (Juttadinteria) **proxima** (Cape) → **Dracophilus proximus** by MM Walgate 1939,
 (Juttadinteria) **tetrasepala** (Namaq) 1932,
 (Khadia) **borealis** (Limpopo) 1936,
 (Lampranthus) **affinis** (Western Cape) 1962 (disc by F Stayner 1961),
 (Lampranthus) **algoensis** (Eastern Cape) 1960,
 (Lampranthus) **amabilis** (Western Cape) 1958,
 (Lampranthus) **antonii** (Western Cape) 1966 (na Anthony V Hall),
 (Lampranthus) **arenicolus** (Western Cape) 1964,
 (Lampranthus) **argillosus** (Western Cape) 1950,
 (Lampranthus) **baylissii** (Western Cape) 1965 (na RDA Bayliss),
 (Lampranthus) **borealis** (Greater Namaq) 1960,
 (Lampranthus) **candidus** (Western Cape) 1939,

(Lampranthus) **caudatus** (Western Cape) 1950,
 (Lampranthus) **compressus** (Western Cape) 1958 —> **Oscularia compressa** by HEK Hartmann 1998,
 (Lampranthus) **creber** (Western Cape) 1958,
 (Lampranthus) **esterhuyseniae** (Little Namaq) 1958 (na EE Esterhuysen),
 (Lampranthus) **eximius** (Western Cape) 1954,
 (Lampranthus) **foliosus** (Western Cape) 1950,
 (Lampranthus) **franciscii** (Western Cape) 1961 (na Frank J Stayner) —> **Phiambolia franciscii** by C Klak
 2003,
 (Lampranthus) **fugitans** (Eastern Cape) 1958,
 (Lampranthus) **gydouwensis** (Western Cape) 1963,
 (Lampranthus) **hallii** (Western Cape) 1954 (na H Hall),
 (Lampranthus) **holensis** (Western Cape) 1962,
 (Lampranthus) **intervallaris** (Western Cape) 1960,
 (Lampranthus) **littlewoodii** (Little Namaq) 1961 (na RC Littlewood),
 (Lampranthus) **macrostigma** (Western Cape) 1954,
 (Lampranthus) **microsepalus** (Western Cape) 1961,
 (Lampranthus) **mucronatus** (Western Cape) 1966 —> **Esterhuysenia mucronata** by C Klak 2003,
 (Lampranthus) **nelii** (Western Cape) 1965 (na GC Nel),
 (Lampranthus) **neostayneri** (Western Cape) 1960 (na FJ Stayner),
 (Lampranthus) **occultans** (Western Cape) 1950,
 (Lampranthus) **ornatus** (Western Cape) 1939 —> **Oscularia ornata** by HEK Hartmann 1998,
 (Lampranthus) **paarlensis** (Western Cape) 1961,
 (Lampranthus) **perreptans** (Western Cape) 1939,
 (Lampranthus) **pleniflorus** (Western Cape) 1962,
 (Lampranthus) **prasinus** (Western Cape) 1939 —> **Oscularia prasina** by HEK Hartmann 1998,
 (Lampranthus) **proximus** (Western Cape) 1966,
 (Lampranthus) **purpureus** (Western Cape) 1939,
 (Lampranthus) **simulans** (Western Cape) 1954 —> **Erepsia simulans** by C Klak 2003,
 (Lampranthus) **sparsiflorus** (Western Cape) 1958,
 (Lampranthus) **stanfordiae** (Western Cape) 1939 (na KC Stanford),
 (Lampranthus) **sternens** (Western Cape) 1939,
 (Lampranthus) **sublaxus** (Northern Cape) 1939//
 (Lampranthus) **subrotundus** (RSA) 1939,
 (Lampranthus) **subtruncatus** (Western Cape) 1939,
 (Lampranthus) **tenuis** (Western Cape) 1969,
 (Lampranthus) **vanheerdei** (Northern Cape) 1964 (na P van Heerde),
 (Lampranthus) **virgatus** (Western Cape) 1961,
 (Lampranthus) **vredenburgensis** (Western Cape) 1965 —> **Oscularia vredenburgensis** by
 HEK Hartmann 1998,
 (Lampranthus) **walgatae** (Western Cape) 1939 (na MM Walgate),
 (Leipoldtia) **compacta** (Little Namaq) 1928,
 (Leipoldtia) **grandifolia** (Namaq) 1938 —> **Leipoldtia weigangiana** ssp **grandifolia** by HEK Hartmann &
 S Rust 1995,
 (Leipoldtia) **klaverensis** (Little Namaq, Western Cape) 1937,
 (Leipoldtia) **laxa** (Little Namaq) 1928,
 (Leipoldtia) **littlewoodii** (Namaq) 1962 (na RC Littlewood) —> **Leipoldtia weigangiana** ssp **littlewoodii**
 by HEK Hartmann & S Rust 1995,

(Leipoldtia) **rosea** (Namibia, Cape) 1928,
 (Leipoldtia) **uniflora** (Little Namaq) 1928,
 (Lithops) **aucampiae** (Northern Cape, North-West) 1932 (disc by J Aucamp 1929 & nah),
 (Lithops) **bromfieldii** (Northern Cape) 1934 (disc by H Bromfield 1933 & nah),
 (Lithops) **comptonii** (Northern Cape, Western Cape) 1930 (disc by RH Compton 1929 & nah),
 (Lithops) **divergens** (Western Cape) 1934 (disc by AH Eksteen 1933),
 (Lithops) **helmutii** (Little Namaq) 1933 (disc by LG Meyer 1932 & na Helmut Meyer),
 (Lithops) **herrei** (Namaq) 1932 (disc by AGJ Herre 1930 & nah),
 (Lithops) **meyeri** (Little Namaq) 1932 (disc by LG Meyer 1931 & nah),
 (Lithops) **olivacea** (Little Namaq) 1929 (disc by ER Fuller 1928),
 (Lithops) **salicola** (Free State, Northern Cape) 1936 (disc by IC Verdoorn 1935),
 (Lithops) **vanzylia** (Bushmanland) 1932 (na GH van Zyl) → **Dinteranthus vanzylia** by MHG Schwantes
 1951,
 (Lithops) **villetii** (Little Namaq) 1950 (disc by ACT Villet 1938 & nah),
 (Machairophyllum) **acuminatum** (Eastern Cape) 1935,
 (Machairophyllum) **baxteri** (Western Cape) 1935 (na WD Baxter),
 (Machairophyllum) **brevifolium** (Western Cape) 1938,
 (Machairophyllum) **stayneri** (Eastern Cape) 1960 (na FJ Stayner),
 (Machairophyllum) **stenopetalum** (Eastern Cape) 1931,
 (Machairophyllum) **vanbredai** (RSA) 1964 (na PAB van Breda),
 (Maughania) **luckhoffii** (Cape) 1954 (na HA Luckhoff),
 (Maughaniella) **luckhoffii** (na HA Luckhoff & disc by P van Heerde 1930),
 (Mesemb) **aberdeense** (Cape) 1924 → **Delosperma aberdeenense** by HML Bolus 1928,
 (Mesemb) **acrosepalum** (Western Cape) 1936 → **Lampranthus acrosepalus** by HML Bolus 1939,
 (Mesemb) **acutifolium** (Cape) 1929 → **Lampranthus acutifolius** by NE Brown 1930,
 (Mesemb) **aereum** 1925 → **Delosperma aereum** by HML Bolus 1928,
 (Mesemb) **aestivum** (Western Cape) 1930 → **Lampranthus aestivus** by HML Bolus 1939,
 (Mesemb) **albatum** (Namaq) 1927 → **Juttadinteria albata** by HML Bolus 1928,
 (Mesemb) **albiflorum** (Western Cape) 1927 → **Drosanthemum albiflorum** by MHG Schwantes 1927,
 (Mesemb) **alboroseum** (Namaq) 1928 → **Leipoldtia alborosea** by HEK Hartmann & D Stuber 1993,
 (Mesemb) **album** (Northern Cape, Western Cape) 1932 → **Oscularia alba** by HEK Hartmann 1998,
 (Mesemb) **altigenum** (Western Cape) 1927 → **Ruschia altigena** by HML Bolus 1950,
 (Mesemb) **amicorum** (Western Cape) 1922 → **Ruschia amicum** by MHG Schwantes 1927,
 (Mesemb) **amplectens** (Namaq) 1913 → **Aspazoma amplexans** by NE Brown 1926,
 (Mesemb) **angulipes** (Western Cape) 1925 → **Gibbaeum angulipes** by NE Brown 1927,
 (Mesemb) **antemeridianum** (Western Cape) 1928 → **Lampranthus antemeridianus** by HML Bolus
 1939,
 (Mesemb) **apiculatum** (Northern Cape, Western Cape) 1909 → **Braunsia apiculata** by HML Bolus
 1967,
 (Mesemb) **approximatum** (Western Cape) 1926 → **Ruschia approximata** by MHG Schwantes 1926,
 (Mesemb) **arbuthnotiae** (Western Cape) 1925 (na IA Arbuthnot) → **Lampranthus arbuthnotiae** by
 HML Bolus 1939,
 (Mesemb) **arenosum** (Western Cape) 1932 → **Lampranthus arenosus** by HML Bolus 1939,
 (Mesemb) **argenteum** (Western Cape) 1925 → **Lampranthus argenteus** by HML Bolus 1967,
 (Mesemb) **attonsum** (Western Cape) 1927 → **Trichodiadema attonsum** by MHG Schwantes 1927,
 (Mesemb) **ausense** (Great Namaq) 1922 → **Juttadinteria ausensis** by MHG Schwantes 1926,
 (Mesemb) **austriicola** (Western Cape) 1934 → **Lampranthus austriicola** by HML Bolus 1939,

(Mesemb) **berghiae** (Western Cape) 1938 (na J Bergh) —> **Lampranthus berghiae** by HML Bolus 1939,
 (Mesemb) **beswickii** (Gauteng) 1922 (na (Mr) Beswick) —> **Khadia beswickii** by NE Brown 1931,
 (Mesemb) **brachyandrum** (Little Namaq) 1928 —> **Lampranthus brachyandrus** by NE Brown 1930,
 (Mesemb) **brakdamense** (Little Namaq) 1922 —> **Ruschia brakdamensis** by HML Bolus 1950,
 (Mesemb) **brevistaminum** (Western Cape) 1929 —> **Lampranthus brevistaminus** by HML Bolus 1939,
 (Mesemb) **britteniae** (Cape) 1922 (na LL Britten) —> **Leipoldtia britteniae** by HML Bolus 1928,
 (Mesemb) **caespitosum** (Western Cape) 1920 —> **Lampranthus caespitosus** by NE Brown 1930,
 (Mesemb) **calandrum** (Little Namaq) 1925 —> **Leipoldtia calandra** by HML Bolus 1928,
 (Mesemb) **calicola** (Western Cape) 1925 —> **Ruschia calicola** by HML Bolus 1950,
 (Mesemb) **canonotatum** (Free State, Northern Cape) 1926 —> **Ruschia canonotata** by MHG Schwantes
 1926,
 (Mesemb) **capillaceum** (Western Cape) 1928 —> **Lampranthus capillaceus** by NE Brown 1930,
 (Mesemb) **capornii** (Little Namaq) 1916 (disc by ASC Caporn & nah) —> **Ruschia capornii** by HML Bolus
 1958,
 (Mesemb) **caroli** (Western Cape) 1922 (na CF Juritz) —> **Ruschia caroli** by MHG Schwantes 1927,
 (Mesemb) **carolinense** (Gauteng) 1922 (na locality Carolina, Mpumalanga) —> **Khadia carolinensis** by
 HML Bolus 1936,
 (Mesemb) **caudatum** (Western Cape) 1916 —> **Phyllobolus caudatus** by M Gerbaulet 1997,
 (Mesemb) **cedarbergense** (Western Cape) 1935 —> **Oscularia cedarbergensis** by HEK Hartmann 1998,
 (Mesemb) **ceriseum** (Western Cape) 1932 —> **Lampranthus ceriseus** by HML Bolus 1939,
 (Mesemb) **cinctum** (Western Cape) 1922 —> **Ruschia cincta** by HML Bolus 1950,
 (Mesemb) **citrinum** (Western Cape) 1932 —> **Lampranthus citrinus** by HML Bolus 1939,
 (Mesemb) **clavifolium** (coast of Northern Cape) 1927 —> **Jordaaniella clavifolia** by HEK Hartmann
 1983,
 (Mesemb) **comptonii** (Western Cape) 1923 (na RH Compton) —> **Oscularia comptonii** by
 HEK Hartmann 1998,
 (Mesemb) **convexum** (Western Cape) 1928 —> **Lampranthus convexus** by HML Bolus 1939,
 (Mesemb) **copiosum** (RSA) 1932 —> **Oscularia copiosa** by HEK Hartmann 1998,
 (Mesemb) **crassum** (Cape) 1926 —> **Ruschia crassa** by MHG Schwantes 1926,
 (Mesemb) **crateriforme** (Western Cape) 1923 —> **Argyroderma crateriforme** by NE Brown 1926,
 (Mesemb) **cupulatum** (Western Cape) 1927 —> **Ruschia cupulata** by MHG Schwantes 1927,
 (Mesemb) **curtophyllum** (Western Cape) 1923 —> **Cephalophyllum curtophyllum** by MHG Schwantes
 1928,
 (Mesemb) **cyathiforme** (Cape) 1923 —> **Lampranthus cyathiformis** by NE Brown 1930,
 (Mesemb) **cymosum** (Western Cape) 1923 —> **Ruschia cymosa** by MHG Schwantes 1927,
 (Mesemb) **delicatulum** (Western Cape) 1927 —> **Drosanthemum delicatulum** by MHG Schwantes
 1927,
 (Mesemb) **deliciosum** (Cape) 1926 —> **Carpobrotus deliciosus** by HML Bolus 1927,
 (Mesemb) **delum** (Little Namaq, Western Cape) 1925 —> **Phyllobolus delus** by M Gerbaulet 1997,
 (Mesemb) **densifolium** (Western Cape) 1928 —> **Lampranthus densifolius** by HML Bolus 1950,
 (Mesemb) **densipetalum** (Little Namaq) 1930 —> **Lampranthus densipetalus** by HML Bolus 1939,
 (Mesemb) **dependens** (Western Cape) 1922 —> **Lampranthus dependens** by HML Bolus 1939,
 (Mesemb) **diffusum** (Western Cape) 1928 —> **Lampranthus diffusus** by NE Brown 1930,
 (Mesemb) **distans** 1927 —> **Antimima distans** by HEK Hartmann 1998,
 (Mesemb) **diutinum** (Western Cape) 1923 —> **Lampranthus diutinus** by NE Brown 1930,
 (Mesemb) **dubitans** (Western Cape) 1929 —> **Lampranthus dubitans** by HML Bolus 1939,
 (Mesemb) **dulce** (Western Cape) 1932 —> **Lampranthus dulcis** by HML Bolus 1939,

(Mesemb) **duthiae** (Western Cape) 1923 (na AV Duthie) —> **Ruschia duthiae** by MHG Schwantes 1949,
(Mesemb) **edwardsiae** (Western Cape) 1923 (na G Edwards) —> **Lampranthus edwardsiae** by
HML Bolus 1939,
(Mesemb) **egregium** (Western Cape) 1936 —> **Lampranthus egregius** by HML Bolus 1939,
(Mesemb) **englishiae** (Western Cape) 1922 (disc by N English & nah) —> **Prenia englishiae** by
M Gerbaulet 1996,
(Mesemb) **erectum** (Little Namaq) 1927 —> **Ruschia erecta** by MHG Schwantes 1927,
(Mesemb) **ernestii** (Western Cape) 1932 (disc by Ernest E Galpin) —> **Lampranthus ernestii** by
HML Bolus 1939,
(Mesemb) **excavatum** (Western Cape) 1923,
(Mesemb) **excedens** (Western Cape) 1932 —> **Oscularia excedens** by HEK Hartmann 1998,
(Mesemb) **explanatum** (Western Cape) 1923 —> **Lampranthus explanatus** by NE Brown 1930,
(Mesemb) **fergusoniae** (Western Cape) 1934 (na E Ferguson) —> **Lampranthus fergusoniae** by HML
Bolus 1939,
(Mesemb) **fourcadei** (Eastern Cape) 1927 (na HG Fourcade) —> **Drosanthemum fourcadei** by
MHG Schwantes 1927,
(Mesemb) **framesii** (Western Cape) 1928 (na PR Frames) —> **Lampranthus framesii** by NE Brown 1930,
(Mesemb) **fredericii** (Western Cape) 1916 (na Frederick A Rogers) —> **Ruschia fredericii** by HML Bolus
1950,
(Mesemb) **frithii** (Eastern Cape, Western Cape) 1922 (na F Frith) —> **Rhinephyllum frithii** by HML Bolus
1929,
(Mesemb) **frutescens** (Namaq, Western Cape) 1913 —> **Stoeberia frutescens** by EJ van Jaarsveld
1994,
(Mesemb) **furvum** (Western Cape) 1928 —> **Lampranthus furvus** by NE Brown 1930,
(Mesemb) **galpiniae** (Western Cape) 1932 (na ME Galpin) —> **Lampranthus galpiniae** by HML Bolus
1939,
(Mesemb) **giffenii** (Western Cape) 1925 (na MH Giffen) —> **Drosanthemum giffenii** by MHG Schwantes
1949,
(Mesemb) **globosum** (Western Cape) 1931 —> **Lampranthus globosus** by HML Bolus 1939,
(Mesemb) **godmaniae** (Little Namaq) 1929 (na A Godman) —> **Lampranthus godmaniae** by HML Bolus
1939,
(Mesemb) **gracilipes** (Western Cape) 1929 —> **Lampranthus gracilipes** by NE Brown 1930,
(Mesemb) **gracilistylum** (Western Cape) 1913 —> **Conophytum bilobum** ssp **gracilistylum** by
SA Hammer 1993,
(Mesemb) **graniticum** (Namaq) 1927 —> **Antimima granitica** by HEK Hartmann 1998,
(Mesemb) **griquense** (Free State, Northern Cape) 1926 —> **Ruschia griquensis** by MHG Schwantes
1926,
(Mesemb) **griseum** (Cape) 1926 —> **Ruschia grisea** by MHG Schwantes 1926,
(Mesemb) **guthriae** (Western Cape) 1927 (na L Guthrie) —> **Oscularia guthriae** by HEK Hartmann 1998,
(Mesemb) **hamatum** (Lesotho, North-West, Northern Cape) 1916 —> **Ruschia hamata** by
MHG Schwantes 1927,
(Mesemb) **henricii** (Western Cape) 1923 (na MGA Henricii) —> **Lampranthus henricii** by NE Brown
1930,
(Mesemb) **hiemale** (Western Cape) 1930 —> **Lampranthus hiemalis** by HML Bolus 1939,
(Mesemb) **hollandii** (Eastern Cape) 1931 (na FH Holland) —> **Lampranthus hollandii** by HML Bolus
1939,
(Mesemb) **hurlingii** (Western Cape) 1934 (na J Hurling) —> **Lampranthus hurlingii** by HML Bolus 1939,

(Mesemb) **immelmaniae** (Western Cape) 1928 (na (Mrs) CP Immelman) —> **Lampranthus immelmaniae** by NE Brown 1930,
 (Mesemb) **inclusum** (Little Namaq) 1926 —> **Octopoma inclusum** by NE Brown 1930,
 (Mesemb) **indecorum** (Western Cape) 1927 —> **Ruschia indecora** by MHG Schwantes 1927,
 (Mesemb) **induratum** (Eastern Cape) 1922 —> **Ruschia indurata** by MHG Schwantes 1926,
 (Mesemb) **insolitum** (Cape) 1927 —> **Juttadinteria insolita** by HML Bolus 1928,
 (Mesemb) **intermedium** (Western Cape) 1924 —> **Drosanthemum intermedium** by HML Bolus 1930,
 (Mesemb) **intervallare** (Free State, Gauteng, Mpumalanga, Limpopo, Eastern Cape, Lesotho) 1927
 —> **Mossia intervallaris** by NE Brown 1930,
 (Mesemb) **intrusum** (Western Cape) 1909 —> **Ruschia intrusa** by HML Bolus 1950,
 (Mesemb) **karrooicum** (Western Cape) 1925 —> **Ruschia karrooica** by HML Bolus 1927,
 (Mesemb) **klaverense** (n Cape) 1927 —> **Antimima klaverensis** by HEK Hartmann 1998,
 (Mesemb) **knysnanum** (Eastern Cape, Western Cape) 1927 —> **Ruschia knysnana** by HML Bolus 1928,
 (Mesemb) **kolbei** (Western Cape) 1922 (na FC Kolbe) —> **Jacobsenia kolbei** by HML Bolus & MHG Schwantes 1954,
 (Mesemb) **laetum** (Western Cape) 1930 —> **Lampranthus laetus** by HML Bolus 1939,
 (Mesemb) **lavisii** (Eastern Cape) 1929 (na SW Lavis) —> **Lampranthus lavisii** by HML Bolus 1939,
 (Mesemb) **lawsonii** (Cape) 1927 (na GM Lawson) —> **Antimima lawsonii** by HEK Hartmann 1998,
 (Mesemb) **laxifolium** (Western Cape) 1927 —> **Lampranthus laxifolius** by NE Brown 1930,
 (Mesemb) **leightoniae** (Western Cape) 1935 (na FM Leighton) —> **Lampranthus leightoniae** by HML Bolus 1939,
 (Mesemb) **leipoldtii** (Western Cape) 1929 (na CFL Leipoldt) —> **Lampranthus leipoldtii** by HML Bolus 1939,
 (Mesemb) **leptosepalum** (Western Cape) 1935 —> **Lampranthus leptosepalus** by HML Bolus 1939,
 (Mesemb) **lerouxiae** (Little Namaq) 1924 (na O le Roux) —> **Ruschia lerouxiae** by HML Bolus 1950,
 (Mesemb) **leucantherum** (Western Cape) 1925 —> **Antimima leucanthera** by HEK Hartmann 1998,
 (Mesemb) **lewisiae** (Western Cape) 1937 (na GJ Lewis) —> **Lampranthus lewisiae** by HML Bolus 1939,
 (Mesemb) **liberale** (RSA) 1938 —> **Lampranthus liberalis** by HML Bolus 1939,
 (Mesemb) **litorale** (Western Cape) 1909 —> **Delosperma litorale** by HML Bolus 1928,
 (Mesemb) **longifolium** (Namaq) 1928 —> **Astridia longifolia** by HML Bolus 1961,
 (Mesemb) **longisepalum** (Cape) 1930 —> **Lampranthus longisepalus** by HML Bolus 1939,
 (Mesemb) **longistamineum** (Western Cape) 1928 —> **Lampranthus longistamineus** by NE Brown 1930,
 (Mesemb) **macowanii** (Western Cape) 1926 (na P MacOwan) —> **Ruschia macowanii** by MHG Schwantes 1949,
 (Mesemb) **macradenium** (Western Cape) 1913 —> **Rhinephyllum macradenium** by HML Bolus 1927,
 (Mesemb) **macrosepalum** (Eastern Cape) 1930 —> **Lampranthus macrosepalus** by HML Bolus 1939,
 (Mesemb) **magnificum** (Western Cape) 1927 —> **Lampranthus magnificus** by NE Brown 1930,
 (Mesemb) **mariae** (Western Cape) 1932 (na MG Lavis) —> **Lampranthus mariae** by HML Bolus 1939,
 (Mesemb) **marianae** (Cape) 1923 (na M Marloth) —> **Ruschia marianae** by MHG Schwantes 1949,
 (Mesemb) **martleyi** (Western Cape) 1932 (na JF Martley) —> **Lampranthus martleyi** by HML Bolus 1939,
 (Mesemb) **matutinum** (Western Cape) 1928 —> **Lampranthus matutinus** by NE Brown 1930,
 (Mesemb) **meleagre** (Northern Cape, Western Cape) 1928 —> **Hammeria meleagris** by C Klak 2000,
 (Mesemb) **mellei** (Western Cape) 1922 (na HA Melle) —> **Carpobrotus mellei** by HML Bolus 1927,
 (Mesemb) **microstigma** (Western Cape) 1929 —> **Lampranthus microstigma** by NE Brown 1930,
 (Mesemb) **middlemostii** (Western Cape) 1932 (na AJM Middlemost) —> **Lampranthus middlemostii** by HML Bolus 1939,

(Mesemb) **miserum** (Cape) 1923 > **Ruschia misera** by HML Bolus 1960,
 (Mesemb) **montaguense** (Western Cape) 1925 → **Lampranthus montaguensis** by HML Bolus 1967,
 (Mesemb) **muelleri** (Namaq) 1922 (na Mr Mueller) → **Ruschia muelleri** by MHG Schwantes 1927,
 (Mesemb) **muirianum** (Western Cape) 1927 (na J Muir) → **Ruschia muiriana** by MHG Schwantes 1927,
 (Mesemb) **muirii** (Western Cape) 1922 (na J Muir) → **Carpobrotus muirii** by HML Bolus 1927,
 (Mesemb) **multiseriatum** (Western Cape) 1928 → **Lampranthus multiseriatus** by NE Brown 1930,
 (Mesemb) **mutans** (Eastern Cape) 1928 → **Lampranthus mutans** by NE Brown 1930,
 (Mesemb) **nardouwense** (Western Cape) 1933 → **Lampranthus nardouwensis** by HML Bolus 1939,
 (Mesemb) **neethlingiae** (Western Cape) 1927 (na MM Neethling) → **Delosperma neethlingiae** by
 MHG Schwantes 1927,
 (Mesemb) **obconicum** (Western Cape) 1930 → **Lampranthus obconicus** by HML Bolus 1939,
 (Mesemb) **octojuge** (Western Cape) 1927 → **Octopoma octojuge** by NE Brown 1930,
 (Mesemb) **octonarium** (Little Namaq) 1927 → **Enarganthe octonaria** by NE Brown 1930,
 (Mesemb) **odoratum** (Western Cape) 1927 → **Hereroa odorata** by HML Bolus 1950,
 (Mesemb) **opulentum** (Western Cape) 1916,
 (Mesemb) **paardebergense** (Western Cape) 1930 → **Oscularia paardebergensis** by NP Taylor 1991,
 (Mesemb) **rosulatum** (Cape) 1909 (disc by CE Pillans 1908) → **Aloinopsis rosulata** by MHG Schwantes
 1926,
 (Mesemb) **rubroluteum** (Western Cape) 1936 → **Lampranthus rubroluteus** by HML Bolus 1939,
 (Mesemb) **rubrum** (Namaq) 1931 → **Astridia rubra** by HML Bolus 1961,
 (Mesemb) **rupestre** (Western Cape) 1928 → **Lampranthus rupestris** by NE Brown 1930,
 (Mesemb) **salicola** (Western Cape) 1936 → **Lampranthus salicola** by HML Bolus 1939,
 (Mesemb) **salteri** (Western Cape) 1934 (na TM Salter) → **Lampranthus salteri** by HML Bolus 1939,
 (Mesemb) **saturatum** (Western Cape) 1923 → **Lampranthus saturatus** by NE Brown 1930,
 (Mesemb) **sauerae** (Western Cape) 1933 (na M Sauer) → **Lampranthus sauerae** by HML Bolus 1939,
 (Mesemb) **scutatum** (Little Namaq) 1927 → **Monilaria scutata** by MHG Schwantes 1929,
 (Mesemb) **serpens** (Western Cape) 1930 → **Lampranthus serpens** by HML Bolus 1939,
 (Mesemb) **sibbettii** (Northern Cape, Eastern Cape, Free State) 1931 (disc by M Henrici 1930 & na
 CJ Sibbett) → **Neohenricia sibbettii** by HML Bolus 1938,
 (Mesemb) **sinuosum** (Little Namaq) 1925 → **Phyllobolus sinuosus** by M Gerbaulet 1997,
 (Mesemb) **sladenianum** (Namaq) 1913 (na P Sladen) → **Prenia sladeniana** by her 1929,
 (Mesemb) **sociorum** (Western Cape) 1922 → **Lampranthus sociorum** by NE Brown 1930,
 (Mesemb) **solidum** (western Cape) 1922 → **Antimima solida** by HEK Hartmann 1998,
 (Mesemb) **spongiosum** (coast of Northern Cape) 1927 → **Jordaaniella spongiosum** by HEK Hartmann
 2001,
 (Mesemb) **staminodiosum** (Western Cape) 1937 → **Lampranthus staminodiosus** by MHG Schwantes
 1949,
 (Mesemb) **stanleyi** (Eastern & Western Cape) 1927 (na HM Stanley) → **Chasmatophyllum stanleyi** by
 HEK Hartmann 2001,
 (Mesemb) **stayneri** (Eastern Cape) 1925 (na FJ Stayner) → **Lampranthus stayneri** by NE Brown 1930,
 (Mesemb) **steenbergsense** (Western Cape) 1930 → **Oscularia steenbergensis** by HEK Hartmann 1998,
 (Mesemb) **stenopetalum** (Western Cape) 1925 → **Lampranthus stenopetalus** by NE Brown 1930,
 (Mesemb) **stenophyllum** (Eastern Cape) 1925 → **Marlothistella stenophylla** by SA Hammer 1995,
 (Mesemb) **stokoei** (Western Cape) 1928 (na TP Stokoe) → **Eurystigma stokoei** by HEK Hartmann
 1998,
 (Mesemb) **strubeniae** (western Cape) 1920 (na EF Struben) → **Ruschia strubeniae** by MHG Schwantes
 1949,

(Mesemb) **suavissimum** (Little Namaq) 1930 → **Lampranthus suavissimus** by HML Bolus 1939,
 (Mesemb) **subaequale** (Western Cape) 1937 → **Lampranthus subaequalis** by HML Bolus 1939,
 (Mesemb) **subtruncatum** (Western Cape) 1939,
 (Mesemb) **superans** (Western Cape) 1932 → **Oscularia superans** by HEK Hartmann 1998,
 (Mesemb) **suppositum** (Northern Cape) 1925 → **Zeuktophyllum suppositum** by NE Brown 1927,
 (Mesemb) **swartbergense** (Western Cape) 192 → **Lampranthus swartbergensis** by NE Brown 1930,
 (Mesemb) **thermarum** (Western Cape) 1932 → **Oscularia thermarum** by HEK Hartmann 1998,
 (Mesemb) **triticiforme** (Northern Cape) 1925 → **Ruschia cradockensis** ssp **triticiformis** by
 EK Hartmann & D Stuber 1993,
 (Mesemb) **tugwelliae** (Western Cape) 1915 (na AM Tugwell) → **Bijlia tugwelliae** by SA Hammer 1995,
 (Mesemb) **uitenhagense** (Eastern Cape) 1927 → **Ruschia uitenhagensis** by MHG Schwantes 1927,
 (Mesemb) **uncum** (Northern Cape) 1928 → **Phiambolia unca** by C Klak 2003,
 (Mesemb) **uniflorum** (Little Namaq, Western Cape) 1922 → **Lampranthus uniflorus** by HML Bolus
 1939,
 (Mesemb) **utile** (Namaq, Western Cape) 1929 → **Stoeberia utilis** by EJ van Jaarsveld 1994,
 (Mesemb) **vanzijliae** (Western Cape) 1922 (na D van Zijl) → **Lampranthus vanzijliae** by NE Brown
 1930,
 (Mesemb) **velutinum** (Western Cape) 1922 > **Gibbaeum velutinum** by MHG Schwantes 1927,
 (Mesemb) **ventricosum** (Western Cape) 1922 → **Antimima ventricosa** by HEK Hartmann 1998,
 (Mesemb) **verecundum** (Western Cape) 1928 → **Lampranthus verecundus** by NE Brown 1930,
 (Mesemb) **vernale** (Western Cape) 1927 → **Lampranthus vernalis** by HML Bolus 1939,
 (Mesemb) **vernicolor** (Western Cape) 1931 → **Oscularia vernicolor** by HEK Hartmann 1998,
 (Mesemb) **viatorum** (Little Namaq) 1922 → **Antimima viatorum** by C Klak 2003,
 (Mesemb) **victoris** (Western Cape) 1925 (na Victor S Peers) → **Ruschia victoris** by HML Bolus 1929,
 (Mesemb) **villiersii** (Western Cape) 1935 (na HL de Villiers) → **Lampranthus villiersii** by HML Bolus
 1939,
 (Mesemb) **vinaceum** 1925 → **Delosperma vinaceum** by HML Bolus 1928,
 (Mesemb) **watermeyerii** (Northern Cape) 1921 (na EB Watermeyer) → **Lampranthus watermeyerii** by
 NE Brown 1930,
 (Mesemb) **wilmaniae** (Northern Cape, North-West, Free State) 1916 (na M Wilman) → **Ebracteola**
wilmaniae by HF Glen 1986,
 (Mesemb) **wittebergense** (Western Cape) 1927 → **Antimima wittebergensis** by HEK Hartmann 1998,
 (Mesemb) **woodburniae** (Western Cape) 1928 (na M Woodburn) → **Lampranthus woodburniae** by
 NE Brown 1930,
 (Mesemb) **wordsworthiae** (Western Cape) 1922 (disc by R Wordsworth c1899) → **Lampranthus**
wordsworthiae by NE Brown 1930,
 (Mesemb) **zygophylloides** (Western Cape) 1927 → **Drosanthemum zygophylloides** by HML Bolus
 1950,
 (Mitrophyllum) **abbreviatum**(Little Namaq) 1932,
 (Mitrophyllum) **roseum** (Little Namaq) 1932,
 (Monilaria) **luckhoffii** (Western Cape) 1930 (disc in 1930 & na J Luckhoff) → **Diplosoma luckhoffii** by
 H-D Ihlenfeldt 1988,
 (Monilaria) **microstigma** (Western Cape) 1932 → **Dicrocaulon microstigma** by H-D Ihlenfeldt 1978,
 (Namaquanthus) **farinosus** (Little Namaq) 1958 → **Wooleya farinosa** by HML Bolus 1960,
 (Nananthus) **comptonii** (Orange Free State) 1929 (na RH Compton) → **Rabiea comptonii** by
 HML Bolus 1938,
 (Nananthus) **difformis** (Eastern Cape) 1933 → **Rabiea difformis** by HML Bolus 1938,

(Nananthus) **jamesii** (Eastern Cape) 1931 (na HW James) —> **Rabiea jamesii** by HML Bolus 1938,
 (Nananthus) **malherbei** (Cape) 1938 (disc by MJ Malherbe 1935 & nah) —> **Aloinopsis malherbei** by
 HML Bolus 1948,
 (Nananthus) **margaritiferus** (Namibia, Botswana, Northern Cape) 1960 (disc by HJW Giess 1959),
 (Nananthus) **peersii** (Cape) 1927 (disc by VS Peers 1925 & nah) —> **Deilanthus peersii** by NE Brown
 1931,
 (Octopoma) **connatum** (Northern Cape, Western Cape, Namaq,) 1963,
 (Octopoma) **rupigenum** (Western Cape) 1967,
 (Octopoma) **subglobosum** (Western Namaq, n Cape) 1963,
 (Odontophorus) **angustifolius** (Little Namaq) 1938,
 (Odontophorus) **nanus** (Little Namaq) 1929,
 (Orthopterum) **coeganum** (Eastern Cape) 1937,
 (Orthopterum) **waltoniae** (Eastern Cape) 1927 (na (Miss) A Walton),
 (Orthosiphon) **ambiguum** (Eastern Cape, Natal) 1881 —> **Plectranthus ambiguus** by LEW Codd 1964,
 (Ottosonderia) **obtusa** (Namaq) 1958,
 (Peersia) **frithii** 1929 (na F Frith),
 (Pelargonium) **caledonicum** (Western Cape) 1932,
 (Pelargonium) **fergusoniae** (Western Cape) 1934 (na E Ferguson),
 (Pleiospilos) **archeri** (Western Cape) 1931 (disc by J Archer 1930 & nah) —> **Tanquana archeri** by
 HEK Hartmann & SL Liede 1986,
 (Pleiospilos) **fergusoniae** (Western Cape) 1929 (na E Ferguson) —> **Pleiospilos compactus** ssp
fergusoniae by HEK Hartmann & SL Liede 1986,
 (Pleiospilos) **hilmarii** (Western Cape) 1931 (disc by Hilmar A Luckhoff 1930 & nah) —> **Tanquana**
hilmarii by HEK Hartmann & SL Liede 1986,
 (Pleiospilos) **minor** (Eastern Cape) 1931 —> **Pleiospilos compactus** ssp **minor** by HEK Hartmann &
 SL Liede 1986,
 (Prenia) **vanrensburgii** (Western Cape) 1954 (na AD van Rensburg),
 (Psammophora) **longifolia** (Namaq) 1930,
 (Psammophora) **pillansii** (Little Namaq) 1927 (na NS Pillans) —> **Arenifera pillansii** by AGJ Herre 1948,
 (Psilocaulon) **foliosum** (Little Namaq) 1929,
 (Rhinephyllum) **broomii** (Northern Cape) 1936 (na R Broom),
 (Rhinephyllum) **comptonii** (Western Cape) 1928 (na RH Compton),
 (Rhinephyllum) **inaequale** (Eastern Cape) 1934,
 (Rhinephyllum) **obliquum** (Northern Cape) 1937,
 (Rhinephyllum) **parvifolium** (Eastern Cape) 1933,
 (Rhinephyllum) **schonlandii** (Northern Cape) 1936 (na S Schonland),
 (Rhinephyllum) **vanheerdei** (Northern Cape, Western Cape) 1963 (na P van Heerde) —> **Peersia**
vanheerdei by HEK Hartmann 2001,
 (Rimaria) **comptonii** (Western Cape) 1932 (na RH Compton) —> **Gibbaeum comptonii** by HML Bolus
 1937,
 (Rimaria) **divergens** (Bushmanland) 1937 (disc by ? Currie 1936) —> **Vanheerdea divergens** by
 SA Hammer 2013,
 (Rimaria) **primosii** (Northern Cape) 1933 (disc by R Primos 1930 & nah) —> **Vanheerdea primosii** by
 HEK Hartmann 1992,
 (Ruschia) **abbreviata** (Namaq) 1935,
 (Ruschia) **acocksii** (Northern Cape) 1954 (na JPH Acocks),
 (Ruschia) **acuminata** (Western Cape) 1928,

(Ruschia) **addita** (Little Namaq) 1931 —> **Antimima addita** by HEK Hartmann 1998,
 (Ruschia) **aggregata** (Little Namaq) 1958,
 (Ruschia) **alata** (Western Cape) 1932,
 (Ruschia) **albiflora** (Little Namaq) 1928 —> **Polymita albiflora** by HML Bolus 1960,
 (Ruschia) **alborubra** (Little Namaq) 1935 —> **Antimima alborubra** by HEK Hartmann 1998,
 (Ruschia) **ampliata** (Little Namaq) 1928,
 (Ruschia) **archeri** (Western Cape) 1928 (na J Archer),
 (Ruschia) **argentea** (Great Namaq) 1960 —> **Antimima argentea** by HEK Hartmann 1998,
 (Ruschia) **aristata** (Eastern & Western Cape) 1932 —> **Erepsia aristata** by SL Liede & HEK Hartmann
 1998,
 (Ruschia) **aspera** (Little Namaq) 1939,
 (Ruschia) **atrata** (Little Namaq) 1928,
 (Ruschia) **barnardii** (Namaq) 1928 (na KH Barnard),
 (Ruschia) **beaufortensis** (Western Cape) 1934,
 (Ruschia) **bijliae** (Western Cape) 1928 (na DS van der Bijl),
 (Ruschia) **bina** (Western Cape) 1931 —> **Antimima bina** by HEK Hartmann 1998,
 (Ruschia) **bipapillata** (Western Cape) 1933,
 (Ruschia) **bracteata** (Little Namaq) 1929 —> **Antimima bracteata** by HEK Hartmann 1998,
 (Ruschia) **breekpoortensis** (Little Namaq) 1931,
 (Ruschia) **brevibracteata** (Little Namaq) 1929,
 (Ruschia) **brevicarpa** (Western Cape) 1954 —> **Antimima brevicarpa** by HEK Hartmann 1998,
 (Ruschia) **brevicyma** (RSA) 1932,
 (Ruschia) **brevifolia** (Little Namaq) 1964,
 (Ruschia) **brevipes** (Western Cape) 1929,
 (Ruschia) **britteniae** (Eastern Cape) 1929 (na LL Britten),
 (Ruschia) **burtoniae** (Little Namaq, Western Cape) 1931 (na HMR Burton),
 (Ruschia) **calcareia** (Northern Cape) 1935,
 (Ruschia) **callifera** (Western Cape) 1932,
 (Ruschia) **calycina** (Northern Cape) 1929 —> **Zeuktophyllum calycinum** by HEK Hartmann 1998,
 (Ruschia) **caudata** (Western Cape) 1938,
 (Ruschia) **cedarbergensis** (Western Cape) 1935,
 (Ruschia) **ceresiana** (Western Cape) 1938,
 (Ruschia) **clavata** (Western Cape) 1929,
 (Ruschia) **compacta** (Little Namaq) 1929 —> **Antimima compacta** by HEK Hartmann 1998,
 (Ruschia) **complanata** (Eastern Cape) 1932,
 (Ruschia) **compressa** (Little Namaq) 1960 & —> **Antimima compressa** by HEK Hartmann 1998,
 (Ruschia) **concinna** (Western Cape) 1929 —> **Antimima concinna** by HEK Hartmann 1998,
 (Ruschia) **connata** (Little Namaq, Western Cape) 1928 —> **Octopoma connatum** by HML Bolus 1963,
 (Ruschia) **copiosa** (Western Cape) 1939,
 (Ruschia) **costata** (Western Cape) 1937,
 (Ruschia) **crassifolia** (Little Namaq) 1958 —> **Antimima crassifolia** by HEK Hartmann 1998,
 (Ruschia) **crassisejala** (Western Cape) 1932,
 (Ruschia) **cyathiformis** (Namaq) 1931 —> **Eberlanzia cyathiformis** by HEK Hartmann 1998,
 (Ruschia) **decumbens** (Western Cape) 1928,
 (Ruschia) **decurrens** (Western Cape) 1929,
 (Ruschia) **decurvans** (Western Cape) 1930,
 (Ruschia) **defecta** (Little Namaq) 1965 —> **Antimima defecta** by HEK Hartmann 1998,

(Ruschia) **dejagerae** (Western Cape) 1928 (na I de Jager),
 (Ruschia) **deminuta** (Great Namaq) 1961,
 (Ruschia) **densiflora** (Western Cape) 1966,
 (Ruschia) **depressa** (Eastern Cape) 1932,
 (Ruschia) **dichotoma** (Little Namaq) 1932 —> **Eberlanzia dichotoma** by HEK Hartmann 1998,
 (Ruschia) **dilatata** (Western Cape) 1931,
 (Mitrophyllum) **abbreviatum** (Little Namaq) 1932,
 (Mitrophyllum) **roseum** (Little Namaq) 1932,
 (Monilaria) **luckhoffii** (Western Cape) 1930 (disc in 1930 & na J Luckhoff) —> **Diplosoma luckhoffii** by
 H-D Ihlenfeldt 1988,
 (Monilaria) **microstigma** (Western Cape) 1932 —> **Dicrocaulon microstigma** by H-D Ihlenfeldt 1978,
 (Namaquanthus) **farinosus** (Little Namaq) 1958 —> **Wooleya farinosa** by HML Bolus 1960,
 (Nananthus) **comptonii** (Orange Free State) 1929 (na RH Compton) —> **Rabiea comptonii** by
 HML Bolus 1938,
 (Nananthus) **difformis** (Eastern Cape) 1933 —> **Rabiea difformis** by HML Bolus 1938,
 (Nananthus) **jamesii** (Eastern Cape) 1931 (na HW James) —> **Rabiea jamesii** by HML Bolus 1938,
 (Nananthus) **malherbei** (Cape) 1938 (disc by MJ Malherbe 1935 & nah) —> **Aloinopsis malherbei** by
 HML Bolus 1948,
 (Nananthus) **margaritiferus** (Namibia, Botswana, Northern Cape) 1960 (disc by HJW Giess 1959),
 (Nananthus) **peersii** (Cape) 1927 (disc by VS Peers 1925 & nah) —> **Deilanthus peersii** by NE Brown
 1931,
 (Octopoma) **connatum** (Northern Cape, Western Cape, Namaq,) 1963,
 (Octopoma) **rupigenum** (Western Cape) 1967,
 (Octopoma) **subglobosum** (Western Namaq, n Cape) 1963,
 (Odontophorus) **angustifolius** (Little Namaq) 1938,
 (Odontophorus) **nanus** (Little Namaq) 1929,
 (Orthopterum) **coeganum** (Eastern Cape) 1937,
 (Orthopterum) **waltoniae** (Eastern Cape) 1927 (na (Miss) A Walton),
 (Orthosiphon) **ambiguum** (Eastern Cape, Natal) 1881 —> **Plectranthus ambiguus** by LEW Codd 1964,
 (Ottosonderia) **obtusa** (Namaq) 1958,
 (Peersia) **frithii** 1929 (na F Frith),
 (Pelargonium) **caledonicum** (Western Cape) 1932,
 (Pelargonium) **fergusoniae** (Western Cape) 1934 (na E Ferguson),
 (Pleiospilos) **archeri** (Western Cape) 1931 (disc by J Archer 1930 & nah) —> **Tanquana archeri** by
 HEK Hartmann & SL Liede 1986,
 (Pleiospilos) **fergusoniae** (Western Cape) 1929 (na E Ferguson) —> **Pleiospilos compactus** ssp
fergusoniae by HEK Hartmann & SL Liede 1986,
 (Pleiospilos) **hilmarii** (Western Cape) 1931 (disc by Hilmar A Luckhoff 1930 & nah) —> **Tanquana**
hilmarii by HEK Hartmann & SL Liede 1986,
 (Pleiospilos) **minor** (Eastern Cape) 1931 —> **Pleiospilos compactus** ssp **minor** by HEK Hartmann &
 SL Liede 1986,
 (Prenia) **vanrensburgii** (Western Cape) 1954 (na AD van Rensburg),
 (Psammophora) **longifolia** (Namaq) 1930,
 (Psammophora) **pillansii** (Little Namaq) 1927 (na NS Pillans) —> **Arenifera pillansii** by AGJ Herre 1948,
 (Psilocaulon) **foliosum** (Little Namaq) 1929,
 (Rhinephyllum) **broomii** (Northern Cape) 1936 (na R Broom),
 (Rhinephyllum) **comptonii** (Western Cape) 1928 (na RH Compton),

(Rhinephyllum) **inaequale** (Eastern Cape) 1934,
 (Rhinephyllum) **obliquum** (Northern Cape) 1937,
 (Rhinephyllum) **parvifolium** (Eastern Cape) 1933,
 (Rhinephyllum) **schonlandii** (Northern Cape) 1936 (na S Schonland),
 (Rhinephyllum) **vanheerdei** (Northern Cape, Western Cape) 1963 (na P van Heerde) —> **Peersia vanheerdei** by HEK Hartmann 2001,
 (Rimaria) **comptonii** (Western Cape) 1932 (na RH Compton) —> **Gibbaeum comptonii** by HML Bolus 1937,
 (Rimaria) **divergens** (Bushmanland) 1937 (disc by ? Currie 1936) —> **Vanheerdea divergens** by SA Hammer 2013,
 (Rimaria) **primosii** (Northern Cape) 1933 (disc by R Primos 1930 & nah) —> **Vanheerdea primosii** by HEK Hartmann 1992,
 (Ruschia) **abbreviata** (Namaq) 1935,
 (Ruschia) **acocksii** (Northern Cape) 1954 (na JPH Acocks),
 (Ruschia) **acuminata** (Western Cape) 1928,
 (Ruschia) **addita** (Little Namaq) 1931 —> **Antimima addita** by HEK Hartmann 1998,
 (Ruschia) **aggregata** (Little Namaq) 1958,
 (Ruschia) **alata** (Western Cape) 1932,
 (Ruschia) **albiflora** (Little Namaq) 1928 —> **Polymita albiflora** by HML Bolus 1960,
 (Ruschia) **alborubra** (Little Namaq) 1935 —> **Antimima alborubra** by HEK Hartmann 1998,
 (Ruschia) **ampliata** (Little Namaq) 1928,
 (Ruschia) **archeri** (Western Cape) 1928 (na J Archer),
 (Ruschia) **argentea** (Great Namaq) 1960 —> **Antimima argentea** by HEK Hartmann 1998,
 (Ruschia) **aristata** (Eastern & Western Cape) 1932 —> **Erepsia aristata** by SL Liede & HEK Hartmann 1998,
 (Ruschia) **aspera** (Little Namaq) 1939,
 (Ruschia) **atrata** (Little Namaq) 1928,
 (Ruschia) **barnardii** (Namaq) 1928 (na KH Barnard),
 (Ruschia) **beaufortensis** (Western Cape) 1934,
 (Ruschia) **bijliae** (Western Cape) 1928 (na DS van der Bijl),
 (Ruschia) **bina** (Western Cape) 1931 —> **Antimima bina** by HEK Hartmann 1998,
 (Ruschia) **bipapillata** (Western Cape) 1933,
 (Ruschia) **bracteata** (Little Namaq) 1929 —> **Antimima bracteata** by HEK Hartmann 1998,
 (Ruschia) **breekpoortensis** (Little Namaq) 1931,
 (Ruschia) **brevibracteata** (Little Namaq) 1929,
 (Ruschia) **brevicarpa** (Western Cape) 1954 —> **Antimima brevicarpa** by HEK Hartmann 1998,
 (Ruschia) **brevicyma** (RSA) 1932,
 (Ruschia) **brevifolia** (Little Namaq) 1964,
 (Ruschia) **brevipes** (Western Cape) 1929,
 (Ruschia) **britteniae** (Eastern Cape) 1929 (na LL Britten),
 (Ruschia) **burtoniae** (Little Namaq, Western Cape) 1931 (na HMR Burton),
 (Ruschia) **calcareia** (Northern Cape) 1935,
 (Ruschia) **callifera** (Western Cape) 1932,
 (Ruschia) **calycina** (Northern Cape) 1929 —> **Zeuktophyllum calycinum** by HEK Hartmann 1998,
 (Ruschia) **caudata** (Western Cape) 1938,
 (Ruschia) **cedarbergensis** (Western Cape) 1935,
 (Ruschia) **ceresiana** (Western Cape) 1938,

(Ruschia) **clavata** (Western Cape) 1929,
 (Ruschia) **compacta** (Little Namaq) 1929 —> **Antimima compacta** by HEK Hartmann 1998,
 (Ruschia) **complanata** (Eastern Cape) 1932,
 (Ruschia) **compressa** (Little Namaq) 1960 & —> **Antimima compressa** by HEK Hartmann 1998,
 (Ruschia) **concinna** (Western Cape) 1929 —> **Antimima concinna** by HEK Hartmann 1998,
 (Ruschia) **connata** (Little Namaq, Western Cape) 1928 —> **Octopoma connatum** by HML Bolus 1963,
 (Ruschia) **copiosa** (Western Cape) 1939,
 (Ruschia) **costata** (Western Cape) 1937,
 (Ruschia) **crassifolia** (Little Namaq) 1958 —> **Antimima crassifolia** by HEK Hartmann 1998,
 (Ruschia) **crassiseppala** (Western Cape) 1932,
 (Ruschia) **cyathiformis** (Namaq) 1931 —> **Eberlanzia cyathiformis** by HEK Hartmann 1998,
 (Ruschia) **decumbens** (Western Cape) 1928,
 (Ruschia) **decurrens** (Western Cape) 1929,
 (Ruschia) **decurvans** (Western Cape) 1930,
 (Ruschia) **defecta** (Little Namaq) 1965 —> **Antimima defecta** by HEK Hartmann 1998,
 (Ruschia) **dejagerae** (Western Cape) 1928 (na I de Jager),
 (Ruschia) **deminuta** (Great Namaq) 1961,
 (Ruschia) **densiflora** (Western Cape) 1966,
 (Ruschia) **depressa** (Eastern Cape) 1932,
 (Ruschia) **dichotoma** (Little Namaq) 1932 —> **Eberlanzia dichotoma** by HEK Hartmann 1998,
 (Ruschia) **dilatata** (Western Cape) 1931,

Bregman, (Dr) Rob; {Bregman}; worked at Hugo de Vries Laboratory, Univ of Amsterdam, Netherlands;

Book [1996] *The Genus Matucana: Biology & Systematics of Fascinating Peruvian Cacti* Rotterdam, Netherlands; Eng; 136p w 80 color photos;

transfer species:

“Borzacactus huagalensis” (JD Donald & AB Lau 1970) —> **Matucana huagalensis** 1988,

“Borzacactus krahni” (JD Donald 1979) —> **Matucana krahni** 1986,

“Borzacactus tuberculatus” (JD Donald 1979) —> **Matucana tuberculata** [w A Meerstadt, P Melis & AB Pullen] 1987;

transfer variety:

“Borzacactus madisoniorum var pujupatii” (JD Donald & AB Lau 1971) —> **Matucana pujupatii** 1988.

† **Brehme**, (Dr) Siegfried;

Book [1935] *Hvorledes Skalfeg Passe og Pleje Mine Kaktus*; Danish; 32p,

[1985] *Ratschläge für den Kakteenfreund* = “Pieces of Advice for Cactus Lovers” Leipzig, Ger; Ger; 184p w 176 color photos.

Breitung, August Johann Julius (9 May 1913–Sep 1987); {Breitung}; Canada;

Book [1968] *The Agaves* Reseda, Calif; Eng; 106p (from 1968 Yearbook of US C&S Journal).



† **Bremekamp**, (Prof) (Dr) Cornelis Eliza [Elisa] Bertus (7 Feb 1888–21 Dec 1984); {Bremek.}; Dutch botanist

& biologist; DSc at Univ of Utrecht 1912 w thesis on geotropism of twining plants; prof of botany at Transvaal Univ College, Pretoria, RSA 1924–31; scientist at bot museum & herbarium, Utrecht, Netherlands 1931–76; collected (w HGW Schwieckerdt) in n Transvaal, Rhodesia & Mozambique;

Book [1932] *Merkwürdige Sukkulendentypen aus dem Nordlichen Transvaal* = “Unusual Types of Succ from the n Transvaal” Jena, Ger; Ger; 12p;

desc species:

(Caralluma) **vansonii** [w AA Obermeyer] (Bechuanaland) 1935 (disc by G van Son 1930 & nah),
(Kedrostis) **crassirostrata** (Namibia, Gauteng, Limpopo) 1933.

† **Bremer III**, Lewis [Lew] (1910–); {L.Bremer}; US; explored & collected in Mexw spouse; spouse Barcia [née Weathers] Bremer (1923–1995);

desc species:

(Coryphantha) **cuencamensis** (Durango) 1980 (disc by him 1979) → **Coryphantha durangensis** ssp **cuencamensis** by RF Dicht & AD Luthy 2001,
(Coryphantha) **delicata** (Tamaulipas, Zacatecas, Coahuila, Durango, San Luis Potosi, Nuevo Leon) 1979 (disc by him 1976),
(Coryphantha) **gracilis** [w AB Lau] (Chihuahua) 1977 (disc by AB Lau 1972),
(Coryphantha) **loui** (Coahuila) 1979 (disc by AB Lau 1976 & nah) → **Coryphantha pseudoechinus** ssp **loui** by RF Dicht & D Luthy 2001,
(Coryphantha) **neglecta** (Coahuila) 1979.

† **Brems**, Julius;

Book [1935] *Hvorledes Skal Jeg Passe og Pleje mine Kaktus en Populaer Vejledning* Copenhagen, Denmark; Danish; 30p,
[1935] *Mine Kaktus* Copenhagen; Danish; 85p.



Brenan, John Patrick Micklethwait (19 Jun 1917–26 Sep 1985); {Brenan}; British botanist & taxonomist; MA at Univ of Oxford 1940; keeper of herbarium at Kew 1965–76 & dir of royal bot garden 1976–81; collected in Zambia & Tanzania w PJ Greenway 1947–48 & in Nigeria 1948; FLS 1952;

transfer species:

“Bauhinia argentea” (E Chiovenda 1915) → **Tylosema argenteum** 1963,
“Bauhinia humifusa” [G Roti Michelozzi Clavarino & REG Pichi Sermolli] 1957 → **Tylosema humifusum** 1963,
“Talinum taitense” (FA Pax & GCW Vatke 1893) → **Calyptrorhiza taitensis** 1949;

desc variety:

(Crassula pentandra var) **denticulata** (Malawi, Limpopo) 1954 → **Crassula lanceolata** ssp **denticulata** by HR Tolken 1985.



Brenner, [née Weber] Sophia Elisabet (29 Apr 1659–14 Sep 1730); Swedish writer, poet, feminist & salon hostess; spouse

Elias Brenner, a painter & copperplate engraver of an *Agave americana* in bloom;

Book [1708] *Minne ofwer den Forundrans-warde Stora Americanska Aloen (Agave)* Stockholm, Sweden; 10p.

Breschke, Joachim;

Book [1985] *Beliebte Kakteen* Hannover, Ger; Ger; 160p w 38 plates,

[1987] *Bluhende Kakteen. Pflege, Schadlingsbekämpfung, Arbeitskalender* Dusseldorf, Ger; 145p.

Breslin, Peter; CSSA Fellow award 2023;

Book [2015] *Field Guide to Cacti & Other Succulents of Arizona* [w R Romero, G Starr & V Watkins] Tucson, Arizona; Eng; 302p w many color photos; (2nd edition 2017 w 302p & 417 color photos, 29 maps).



† **Bolus**, (Dr hc) **Harry** (28 Apr 1834–25 May 1911); {Bolus}; Eng businessman to RSA 1850; amateur botanist (primarily orchids) 1864~; stockbroker w brother, Walter Bolus 1875; explored & collected in s Africa 1883~; built up extensive bot library and herbarium; founder & curator of the Bolus Herbarium, Univ of Cape Town, RSA, 1865–1903; endowed first chair of botany at S African College 1902; honorary doctorate from Univ of Cape of Good Hope, RSA c1902;

FLS 1873; great-niece HML Bolus; grandson M Bolus; spouse Sophia [née Kensit] Bolus;

Book [1886] *A Sketch of the Flora of South Africa* Cape Town; 32p; (revised 1905);

species nah:

(Adromischus) **bolusii** (desc & nah by A Berger 1930),

(Ipomoea) **bolusiana** (Tropical Africa, Mada) (desc & nah by H Schinz 1888);

disc species:

(Brachystelma) **cathcartense** (Eastern Cape) c1896 (desc by RA Dyer 1971),

(Euphorbia) **aequoris** (Eastern Cape) (desc by NE Brown 1915),

(Euphorbia) **bolusii** (Mpumalanga) c1900 (desc & nah by NE Brown 1915),

(Euphorbia) **ramiglans** (Namaq) 1883 (desc by NE Brown 1915),

(Haworthia) **bolusii** (Eastern Cape) (desc & nah by JG Baker 1880),

(Huernia) **brevirostris** (Eastern Cape) c1874 (desc by NE Brown 1877),

(Mesemb) **bolusii** (Eastern Cape, Western Cape) c1874 (desc & nah by JD Hooker 1882) —> **Pleiospilos**

bolusii by NE Brown 1926,

(Mesemb) **rubrolineata** (Cape) 1868 (desc by NE Brown 1911) —> **Aloinopsis rubrolineata** by

MHG Schwantes 1926,

(Piaranthus) **foetidus** (Cape) ≈1878 (desc by NE Brown 1908) —> **Piaranthus geminatus** var **foetidus** by

U Meve 1994;

desc species:

(Urginea) **alooides** (Mpumalanga) 1881 —> **Aloe alooides** by D van Druten 1956.

† **Bolus**, **Maxwell** (26 Jun 1890–19 Jan 1956); RSA farmer; father Hermann Harry Bolus (1862–1930) & grandfather H Bolus; collected mainly Mesembs & sent to father & HML Bolus;

species nah:

(Delosperma) **maxwellii** (Eastern Cape) (desc & nah by HML Bolus 1929),

(Ruschia) **maxwellii** (Western Cape) (desc & nah by HML Bolus 1929) —> **Antimima maxwellii** by

HEK Hartmann 1998.

† **Bommelje**, [Bommeljé,] Cornelius (17 Nov 1890–13 Jun 1985); Dutch succ hobbyist;

Book [1960] *Cactussen en Andere Succulenten* Zutphen, Netherlands; Dutch; 167p.

Bonafoux, ?;

species nah:

(Ceropegia) **bonafouxii** (Angola, Namibia, Botswana, Zambia, Zimbabwe) (desc & nah by KM Schumann 1904).



† **Bonaparte**, Prince Roland Napoléon (18 May 1858–14 Apr 1924); {Bonap.}; French botanist, geographer & ethnographer; fern specialist; collected in Mada 1914; grandnephew of Napoleon Bonaparte (1769–1821); spouse Marie-Felix [née Blanc] Bonaparte (–1882);

species nah:

(Kalanchoe) **rolandi-bonapartei** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1912).

Bonatz, Hans-Joachim (–2012); Ger; explored & collected in Mex;

disc species:

(Echinocereus) **bonatzii** (Durango) 1993 (desc & nah by RC Romer 1995) → **Echinocereus pamanesii** ssp **bonatzii** by RC Romer 1998,

(Turbinicarpus) **bonatzii** (San Luis Potosi) 1991 (desc & nah by G Frank 1992) → **Turbinicarpus schmiedickeanus** ssp **bonatzii** by P Panarotto 1999;

disc variety:

(Turbinicarpus schwarzii var) **rubriflorus** (San Luis Potosi) 1991 (desc by G Frank 1993) → **Turbinicarpus schmiedickeanus** ssp **rubriflorus** by P Panarotto 1999;

disc forma:

(Turbinicarpus krainzianus fa) **minimus** (Hidalgo) 1987 (desc by G Frank 1989) → **Turbinicarpus pseudomacrochele** ssp **minimus** by JM Luthy & A Hofer 2002.

Bond, Pauline (28 Oct 1917–2010);

Book [1984] *Plants of the Cape Flora—A Descriptive Catalog (from Journal of South African Botany Supplementary Vol. No. 13)* [w P Goldblatt]; Eng; 455p w 12 color photos.

† **Bonker**, Frances Lucy (20 Jul 1891–11 Sep 1959); {Bonker}; US in Pasadena, Calif; high school teacher, scientific writer;

Book [1930] *The Sage of the Desert and other Cacti* [w JJ Thornber] Boston, Massachusetts; Eng; 106p, [1932] *The Fantastic Clan: The Cactus Family* [w JJ Thornber] NYC; Eng; 194p;

desc species:

(Echinocereus) **bonkeræ** [w JJ Thornber] (Arizona) 1932 (na F Bonker).

Bonnafous, (Dr med) (Mr) ?;

[?possibly Victor Bonafofus, French physician in Marseille; a friend of Raymond-Hamet?]

species nah:

(Sedum) **bonnafousii** (China) (desc & nah by Raymond-Hamet 1916) → **Hylotelephium bonnafousii** by H Ohba 1977.



† **Bonnier**, (Prof) (Dr) **Gaston Eugene Marie** (9 Apr 1853–2 Jan 1922); {Bonnier}; French botanist & plant ecologist; PhD at Uppsala Univ 1879; prof of botany at Sorbonne Univ, Paris 1887~;

species nah:

(Kalanchoe) **gastonis-bonnieri** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1912),
(Sedum) **bonnierii** (China) (desc & nah by Raymond-Hamet 1913).



† **Bonpland**, [né Goujaud,] (Dr med) Aimé Jacques Alexandre (Aug 1773–May 1858); {Bonpl.}; French nature researcher, physician, botanist & voyager of discovery in New World; explored & disc 15 cacti [w FWH von Humboldt] Cuba, Mex, Venezuela, Colombia, Ecuador & Peru

1799–1804, w stop at Tenerife, Canary Islands 1799; prof in Buenos Aires, Argentina 1818–21; editor of *Bonplandia*; wrote on Cactaceae; part of ‘H.B.K.’ designation team;

disc species:

(Cactus) **bleo** [w FWH von Humboldt] (Colombia, Panama) 1805 (desc by CS Kunth 1823)

—> **Pereskia bleo** by AP de Candolle 1828,

(Cactus) **phyllanthoides** [w FWH von Humboldt] (Puebla, Veracruz) 1801 (desc by AP de Candolle 1813) —> **Disocactus phyllanthoides** by WA Barthlott 1991,

(Pereskia) **horrida** [w FWH von Humboldt] (Peru) 1802 (desc by AP de Candolle 1828).

Bonsma, HC; RSA sheep & wool research officer at College of Agriculture, Grootfontein, RSA;

Book [1942] *Cactus & Oldman-Saltbush as Feed for Sheep* [w GS Mare] Pretoria, RSA; Eng; 72p.



† **Bool**, Herbert Winfred (4 May 1900–26 Apr 1971); US in Phoenix, Arizona; one of founders of Desert Bot Garden of Arizona 1937; spouse Angela [née Byrne] Bool;

species nah:

(Mamm) **boolii** (Sonora) (desc & nah by GE Lindsay 1953 & disc by him 1952).



† **Boom**, (Dr) Boudewijn Karel (26 Mar 1903–21 Mar 1980); {Boom}; Dutch botanist; PhD at Landbouwhogeschool, Wageningen, Netherlands 1930; teacher at horticultural schools in Netherlands 1930–44; specialized in trees & Crassulaceae; editor of *Succulenta* (Dutch C&S journal) 1962–67; IOS member 1955 & secretary 1961–70;

Book [1958] *Notities over Succulenten* Wageningen, Netherlands; Dutch; 32p,

[1961] *Notities over Succulenten II* Wageningen; Dutch; 32p,

[1968] *Flora van Kamer- en Kasplanten* Wageningen, Netherlands; Dutch; 386p,

[1971] *Een Nieuwe Tabel Voor Het Geslacht Lithops* Wageningen; Dutch; 32p,

[1973] *Het Geslacht Conophytum* = “The Species Conophytum” Wageningen; Dutch; 47p;

desc species

(*Lithops pseudotruncatella* var) **volkii** [w HW de Boer] (Namibia) 1961 (na OH Volk) —> **Lithops**

pseudotruncatella ssp **volkii** by DT Cole 1988;

transfer species:

“*Conophytum nudum*” (A Tischer 1958) —> **Conophytum minutum** var **nudum** 1973,

“*Mesemb ringens*” (C Linnaeus 1753) —> **Carruanthus ringens** 1959.

† **Boos**, Franz [Frans] (23 Dec 1753–9 Feb 1832); Austrian horticulturist & traveler; collected in West Indies & Venezuela 1783–85 & at Cape, Mauritius, Reunion & Mada w G Scholl 1786–88 for curator, NJ von Jacquin, of Imperial Garden of Emperor Joseph II at Schönbrunn (summer palace of the Habsburgs) on outskirts of Vienna, Austria; keeper & dir of Schönbrunn bot garden & menageries 1788~; son J Boos;

disc species:

(Euphorbia) **clandestina** [w G Scholl] (Western Cape) c1789 (desc by NJ von Jacquin 1804),

(Euphorbia) **ornithopus** [w G Scholl] (Eastern Cape) c1789 (desc by NJ von Jacquin 1809),

(Euphorbia) **tuberculata** [w G Scholl] (Western Cape) c1789 (desc by NJ von Jacquin 1798).

† **Boos**, Joseph (1794–1879); {Boos}; Austrian assistant gardener at Schönbrunn; father F Boos;

Book [1816] *Schönbrunn's Flora* Vienna, Austria.

† **Boosfeld**, Albert;

Book [1920] *Beitrage zur Vergleichenden Anatomie Stammsukkulenter Pflanzen* Dresden, Ger; Ger; 43p.

Booth, (Dr) John A; US botanist; PhD at Univ of Arizona, Tucson 1964;

Book [1964] *An Investigation of a Saguaro Seedling Disease* Tucson, Arizona; Eng; 73p; (PhD thesis).

† **Booth**, Wm Beattie (1804–18 Jun 1874); {Booth}; Scottish gardener; friend of D Douglas;

desc species:

(Echeveria) **secunda** (Hidalgo, Guanajuato, Puebla, Mex, Tlaxcala) 1838 (disc by J Rule 1837).

Booyesen, (Mr) WA (fl. 1968); RSA farmer;

species nah:

(Dorotheanthus) **booyesenii** (Northern Cape) (desc & nah by HML Bolus 1969).

Booyesen, Lisabel I — See **Hall**, LI.

† **Borcherds**, (Dr) WM;

species nah:

(Schwantesia) **borcherdsii** (Cape) (desc & nah by HML Bolus 1929).

† **Borchers**, (Dr) Philip (fl. 1932); Ger privy councilor in Bremen; led Ger-Austrian expedition to Peruvian Andes 1932;

disc species:

(Echinocactus) **borchersii** (Peru) 1932 (desc & nah by F Boedeker 1933) —> **Oroya borchersii** by C Backeberg 1959.

† **Borden**, Thomas E; collected in Philippines;

species nah:

(Hoya) **bordenii** (Philippines) (desc & nah by FRR Schlechter 1906).

† **Boreau**, Alexandre (15 Mar 1803–5 May 1875); {Boreau}; French botanist & pharmacist; dir of bot garden in Angers, France 1838~; spouse Antoinette [née Morin] Boreau;

desc species:

(Sedum) **spectabile** (Korea, ne China) 1866 —> **Hylotelephium spectabile** by H Ohba 1977.



† **Borg**, (Prof) (Dr med) Francis **John** (9 Nov 1873–4 May 1945); {Borg}; Maltese pharmacist, physician & botanist; MD at Royal Univ of Malta 1898; prof of Natural History at Royal Univ 1921–33; wrote on flora of Malta;

Book [1937] *Cacti: A Gardener's Handbook for the Identification & Cultivation* Dorset, Eng; Eng; 419p; (rev 1951 w 487p & 1976 w 512p);

transfer species:

“Cephalocereus melanostele” (FKJ Vaupel 1913) —> **Espostoa melanostele** 1937,

“Cereus regelii” (W Weingart 1910) —> **Harrisia regelii** 1937,

“Mamm emskoetteriana” (L Quehl 1910) —> **Escobaria emskoetteriana** 1937,

“Morawetzia doelziana” (C Backeberg 1936) —> **Oreocereus doelzianus** 1937,

“Pereskia verticillata” (FKJ Vaupel 1923) —> **Quiabentia verticillata** 1937.

Borisenko, TI; Ukraine, USSR;

Book [1978] *Kaktusi Cvitut* Kiev, Ukraine; Ukranian; 17 color illustration cards,
[1986] *Kaktusi* Kiev; 286p + 63 color plates.

† **Borissova**, Antonina Georgievna (1903–1970); {Boriss.}; Russian botanist; specialized in flora of deserts & semi-deserts in central Asia;

Book [1958] *Crassulaceae section in Flora of the USSR*; 141p;

species nah:

(Sedum) **borissovae** (Ukraine) (desc & nah by BE Balkovsky 1953),
(Sempervivum) **borissovae** (Georgia A) (desc & nah by RS Wale 1942);

desc species:

(Orostachys) **cartilaginea** (eastern Russia, ne China) 1939,
(Pseudosedum) **bucharicum** (Tadzhikistan) 1933,
(Pseudosedum) **campanuliflorum** (central Asia) 1933,
(Pseudosedum) **condensatum** (central Asia, Afghanistan, Pakistan) 1933,
(Pseudosedum) **fedtschenkoanum** (central Asia) 1933 (na BA Fedtschenko),
(Pseudosedum) **ferganense** (central Asia) 1933,
(Pseudosedum) **karatavicum** (Kazakhstan) 1938,
(Pseudosedum) **longidentatum** (central Asia, Afghanistan) 1933,
(Rhodiola) **kaschgarica** (China, Kazakhstan) 1939,
(Rhodiola) **litwinowii** (China, Mongolia, Uzbekistan) 1939 (disc by DI Litvoniv & nah),
(Rhodiola) **pamiroalaica** (China, Tadzhikistan) 1939,
(Rhodiola) **recticaulis** (China, Kazakhstan, Iran, Tadzhikistan) 1939,
(Sedum) **pentapetalum** (Armenia, Iran, Azerbaidzhan, Russia) 1939,
(Sempervivum) **glabrifolium** (Turkey) 1939;

transfer species:

“Sedum coccineum” (JF Royle 1835) —> **Rhodiola coccinea** by 1939,
“Sedum heterodontum” (JD Hooker & T Thomson 1858) —> **Rhodiola heterodonta** 1939,
“Umbilicus alpestris” (GS Karelin & IP Kirilow 1842) —> **Rosularia alpestris** 1939,
“Umbilicus multicaulis” (FA Buhse & PE Boissier 1860) —> **Pseudosedum multicaule** 1933,
“Umbilicus semenovii” (EA von Regel & FGT von Herder 1866) —> **Rhodiola semenovii** 1939.

Born, HE;

Book [1965] *Alles Für Den Kakteenfreund*, Katalog No. 9 Witten-Bommenn, Ger; Ger; 70p.



Bornman, Chris **Hans**; Kenya to USA to Natal; botanist; prof of botany at Univ of Wisconsin, Madison, USA & t Univ of Natal & Univ of Pretoria, RSA; explored & researched African succ; an early colleague of C Koch; specialist on genus *Welwitschia*;

Book [1971] *Aloes of the South African Veld* [w DS Hardy] Johannesburg, RSA; Eng; 298p w 146 color plates; (paintings by H Bornman),

1978] *Welwitschia: Paradox of a Parched Paradise* Cape Town, RSA; Eng/Ger; 71p w 16 color photos.



† **Bornmüller**, [Bornmüller, Bornmueller,] (Dr hc) Joseph Friedrich Nicolaus (6 Dec 1862–19 Dec 1948); {Bornm.}; Ger botanist; explored & collected in the Orient; curator of Haussknecht Herbarium (na HC Haussknecht) in Weimar, Ger 1903–38; honorary doctorate at Jena Univ, Ger; spouse Frida [née Amelung] Bornmüller;

desc species:

(Cotyledon) **modesta** (Afghanistan) 1938 —> **Rosularia modesta** by A Parsa 1952,

(Sempervivum) **iranicum** [w E Gauba] (Iran) 1940;
transfer species:
"Sedum laxiflorum" (AP de Candolle 1828) —> **Monanthes laxiflora** 1906.

Borrego, [Borrego Escalante,] F;
Book 1986] *El Nopal* [w N Burgos] Coahuila, Mex; 202p.

Borsch, Fred J (fl. 1944);
variety nah:
(Sedum leibergii var) **borschii** (Idaho, Montana) (desc & nah by RT Clausen 1944) —> **Sedum borschii** by RT Clausen 1975.

Borth, Hans (11 Apr 1925–); Austrian librarian, alpinist & plant collector in Argentina;
disc species:
(Gymnocalycium) **borthii** (San Luis) ≈1976 (desc & nah by JA Till 1987) —> **Gymnocalycium gibbosum** ssp **borthii** by GJ Charles 2005.

†**Borzi**, (Prof) Antonino [Antonio] (20 Aug 1852–21 Aug 1921); {Borzi}; Italian botanist; prof of botany at Regie Univ, Messina 1879–92 & founder & dir of bot garden 1883–92; prof of botany at Regie Univ, Palermo & founder & dir of bot garden 1892~;

genus nah:
Borziacactus (desc & nah by V Riccobono 1901) (syn of Cleistocactus LEMAIRE);
species nah:
(Moringa) **borziana** (Somalia, Kenya) (desc & nah by GE Mattei 1908).



†**Bos**, (Dr) Jan Justus (28 Jul 1939–24 Mar 2003); {Bos}; Netherlands botanist & taxonomist; PhD on Dracaena at Agricultural Univ, Wageningen, Netherlands 1984; collected in Transvaal & Natal 1963–64; worked in Liberia 1966–67, Cameroun 1968–73 & Ethiopia 1974–75; chief research officer, Landbouwhogeschool in Wageningen 1976~;

desc species:
(Impatiens) **columbaria** (Gabon) 1991.

†**Boscawen**, (Lt Col) Mildmay Thomas (5 Feb 1892–13 Nov 1958); British military officer, bronze art collector & naturalist; to East Africa;

a sisal grower in Mtotohovu, Tanga Prov, Tanzania;

disc species:
(Aloe) **boscawenii** (Tanzania) 1937 (desc & nah by HB Christian 1942),
(Aloe) **flexilifolia** (Tanzania) 1940 (desc by HB Christian 1942).

†**Boss**, (Dr) Georg (–13 May 1972); Ger to Namibia 1931; teacher of physical science at Deutsche Höhere Schule, Swakopmund, Namibia 1931–37; collected in Namibia & Angola; returned to Ger 1937;

Book [1934] *Aus dem Pflanzenleben Sudwestafrika's* Windhoek, Namibia 145p; (w 30 leaves of plates),
[1937] *Oor die plantegroei van Suidwes-Afrika* Windhoek; 206p,
[c1937] *Die Giftpflanzen Sudwestafrikas* Otjiwarongo, South West Africa; 35p,

disc species:
(Hoodia) **gibbosa** (Namibia) 1935 (desc by GC Nel 1937),
(Hoodia) **husabensis** (Namibia) 1935 (desc by GC Nel 1937).

† **Bossche**, Léon van den (1841–1911); Belgian horticulturist;

species nah:

(Mesemb) **bosscheanum** (Eastern Cape, Western Cape) (desc & nah by A Berger 1908) → **Faucaria bosscheana** by MHG Schwantes 1926.



† **Bosser**, Jean-Michel (23 Dec 1922–6 Dec 2013); {Bosser}; French botanist & agronomical engineer; scientific officer & dir of Office de la Recherche Scientifique et Technique d'Outre-Mer, Antananarivo, Mada 1951~; collected in Reunion, Mauritius, Comoro Islands & Mada; specialist in Poaceae, Cyperaceae & Orchidaceae;

species nah:

(Aloe) **bosseri** (Mada) (desc & nah by J-B Castillon 2000 & disc by J-B Castillon),
(Ceropegia) **bosseri** (Mada) (desc & nah by WHH Rauh & G Buchloh 1965),
(Euphorbia) **bosseri** (Mada) (desc & nah by JD Leandri 1965),
(Odosicyos) **bosseri** (Mada) (desc & nah by M Keraudren 1981),
(Delosperma) **bosseranum** (Mada) (desc & nah by WRB Marais 1979),
(Seyrigia) **bosseri** (Mada) (desc & nah by M Keraudren 1962);

disc species:

(Euphorbia) **neobosseri** (Mada) c1963 (desc & nah by WHH Rauh 1992);

desc species:

(Aloe) **ericetorum** (Mada) 1968 (disc by him),
(Aloe) **erythrophylla** (Mada) 1968 (disc by him),
(Aloe) **leandrii** (Mada) 1968 (disc by him & na JD Leandri),
(Stapelianthus) **arenarius** [w P Morat] (Mada) 1971,
(Stapelianthus) **keraudreniae** [w P Morat] (Mada) 1971 (na M Keraudren-Aymonin).



Botha, Jan; mine manager in SW Africa;

disc species:

(Aloe) **erinacea** (Namibia) 1967 (desc by DS Hardy 1971) → **Aloe melanacantha** var **erinacea** by GD Rowley 1980.

Botkin, CW; US; prof at New Mex College of Agriculture & Mechanical Arts, Las Cruces, New Mex; pres of Southwestern & Rocky Mtn Division of Amer Association of the Advancement of Science (founded 1848) 1950–51;

Book [1943] *Fiber of native plants in New Mex* [w LB Shires & EC Smith] Las Cruces, New Mex; Eng; 38p w 12 plates; (*Yucca* & *Nolina*),

[1944] *Tensile Strength of Yucca Fibres* [w LB Shires] Las Cruces; Eng; 30p w 4 plates.



Botta, (Dr med) Paul-Émile (6 Dec 1802–29 Mar 1870); French naturalist, phasician, orientalist, archeologist, consulist; trip around the world 1826–1829; collected plants in Yemen 1836;

species nah:

(Euphorbia) **bottae** (s Arabian Peninsula) (desc & nah by PE Boissier 1862).

Botta, Thierry;

Book [2006] *Madagascar, A Paradise at Risk* [w M Teissier & S Blanchy] Italy; Eng; 64p.

Bouchaud, Dominique;

Book [1983] *Les Alcaloïdes des Cactacées*; 144p.

† **Bouche**, [Bouché,] Carl David (4 Jun 1809–27 Sep 1881); {C.D.Bouche}; Ger gardener & botanist; worked at Schöneberg garden school, Berlin 1823–31 & at Berlin Bot Garden 1831–43 & as dir 1843~; father PC Bouché;

desc species:

(Agave) **funkiana** [w KHE Koch] (Hidalgo, San Luis Potosi, Nuevo Leon) 1860,

(Agave) **guttata** [w GA von Jacobi] (Durango, San Luis Potosi, Aguascalientes, Jalisco, Zacatecus) 1865,

(Furcraea) **tubiflora** [w CS Kunth] (San Luis Potosi, Hidalgo) 1847 → **Beschorneria tubiflora** by CS Kunth 1850.

† **Bouche**, [Bouché,] Peter Carl (21 Jul 1783–27 Feb 1856); {Bouche}; Ger gardener at Schöneberg garden school, Berlin 1823~; founding member of Horticultural Soc of Royal Prussian States 1822; son CD Bouché;

desc species:

(Agave) **dasyliroides** [w GA von Jacobi] (San Luis Potosi, Morelos) 1865,

(Beschorneria) **tubiflora** (Mex) 1847 → **Furcraea tubiflora** by CS Kunth 1850,

(Tradescantia) **warszewicziana** [w CS Kunth] (Mex, Guatemala) 1847 (na J Warszewicz) → **Callisia warszewicziana** by DR Hunt 1983.

Boucher, Olivier le;

Book [1992] *Un Sujet Epineux, Les Cactus Dans nos Jardins* Bruxelles; 100p.

Boudry, Nathalie;

Book [1995] *Plantes Cactiformes et Succulentes (Culture et Usage)*; 195p.

† **Boughey**, Arthur Stanley (15 Jul 1913–1 Feb 2000); {Boughey}; Eng to Southern Rhodesia to US; prof at Univ College of Rhodesia & Nyasaland; encouraged LC Leach in study of succ Euphorbias;

Book [1957] *The Origin of the African Flora* London, Eng; 48p; (lecture given at Univ College of Rhodesia & Nyasaland);

disc species:

Euphorbia) **bougheyi** (Mozambique) (desc & nah by LC Leach 1964).



† **Bourdoux**, Pol G (4 Aug 1915–10 Oct 1985); Brussels, Belgium; univ degree in chemistry ≈ WW II; worked in the paint industry; editor & writer of French language *Cactus* journal in Brussels; IOS member 1978;

Book [1976–85] *Cactus* Belgium (6 parts per year); French & Flemish.



† **Bourgeau**, Eugène (20 Apr 1813–21 Feb 1877); {Bourg.}; French naturalist; collected in Canary Islands 1845–46 & in Spain, s France, Canary Islands & Algeria 1847–56; joined Palliser Expedition as botanist across western Canada collecting along the way 1857–60; collected in Asia Minor 1860 and in Mex 1865–66; sent collected plants to WJ Hooker;

species nah:

(Euphorbia) **bourgaeana** (Tenerife in Canary Islands) (desc & nah by PE Boissier 1862),

(Sedum) **bourgaei** (Mex) (desc & nah by WB Hemsley 1878).

†**Bourgeois**, H;

Book [1892] *L'Agave americana (Agave) et ses Different Produits* [w AL Pinart] Paris, France; 79p.

†**Bourne**, HG; British founding member of National Cactus Soc 1895;

Book [1899] *Practical Hints on the Culture of Cacti* London, Eng; 30p.



Boutin, Fredrick Charles (19 Nov 1940–); US botanist; BA in botany/biology at Univ of Calif, Riverside 1962: bot research assistant at Los Angeles State & County Arboretum, Arcadia, Calif 1964-68; botanist at Huntington Bot Gardens, San Marino, Calif 1968-79 during which on 9 expeditions in Mex & Belize collecting c&s, palms, Agaves, temperate trees & shrubs & Salvia; involved w Epicactus crosses, mostly involving Disocactus species while at Huntington; landscape management in Tuolumne County, Calif 1980~; spouse Dolores [née Upp] Boutin (25 May 1940–);

disc species:

(Graptopetalum) **pentandrum** [w MW Kimnach] (Michoacan) 1970 (desc by RV Moran 1971),
(Selenicereus) **atropilosus** [w MW Kimnach] (Jalisco) 1970 (desc by MW Kimnach 1978).

†**Boutique**, Raymond Jean Daniel Marie Ghislain (9 May 1906–21 Sep 1985); {Boutique}; French botanist;

desc species:

(Sedum) **churchillianum** [w FHE Robyns] (Ethiopia, Uganda, Zaire) 1945.

†**Bouvet**, Georges (27 Jul 1850–1929); {Bouvet}; French botanist & pharmacist; dir of bot garden at Angers, France;

species nah:

(Kalanchoe) **bouvetii** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1914).



†**Bouvier**, (Prof) (Dr) Louis-Eugene (9 Apr 1856–14 Jan 1944); French entomologist & naturalist; DSc at Écol Pratique des Hautes Études 1887: prof at Natural History Museum, Paris, France 1887~;

species nah:

(Sedum) **bouvieri** (Nepal) (desc & nah by Ramond-Hamet 1916) —> **Rhodiola himalensis** ssp **bouvieri** by H Ohba 1982.

Bowden, Charles;

Book [1992] *The Sonoran Desert (Cactaceae)* [w JW Dykinga] New York; 167p.



†**Bowdery**, Derek (8 may 1932–13 Jan 2018); British Tellecoms engineer & nurseryman; owner of *Eau Brink Cacti*; member of CSSGB 1969~; RHM award 2007; explored in Mex & sw US 1981;

Book [2005] *Ferocactus* [w JW Pilbeam]; Eng; 116p.

Bowers, Janice Emily; US writer & botanist w US Geological Survey in Tucson, Arizona;

Book [1995] *Sonoran Desert Plants: An Ecological Atlas* [w RM Turner, TL Burgess] Tucson, Arizona; Eng; ; 504p,

[1999] *Desert. The Mojave & Death Valley* NY; 143p,

[2004] *Frequently Asked Questions About the Saguaro*; Eng; 20p.

Bowers, Rick & Nora [née Mays]; US naturalists & photographers;

Book [2008] *Cactus of Arizona—A Field Guide* [w S Tekiela] Cambridge, Minnesota; Eng; 235p w 103 color photos,

[2009] *Cactus of Texas—A Field Guide* [w S Tekiela] Cambridge, Minnesota; Eng; 367p w 160 color photos.

† **Bowie**, James (1789–2 Jul 1869); {Bowie}; British gardener, horticulturist & botanist; worked at Kew 1810–27; collected in Brazil for Kew 1814–16 [w Allan Cunningham (1791–1831)] & in Cape 1816–22 & 1827~; to RSA 1827~ & superintendent at Baron Carl von Ludwig (1784–1847) garden, Cape 1836~;

genus nah:

Bowiea (Kenya to RSA & Namibia) (desc & nah by JD Hooker 1867);

species nah:

(Aloe) **bowiea** (Eastern Cape) (desc & nah by JA & JH Schultes 1829),

(Eriospermum) **bowieanum** (Western Cape) (desc & nah by JG Baker 1876);

disc species:

(Aloe) **gracilis** (Eastern Cape) (desc by AH Haworth 1825),

(Aloe) **microcantha** (Eastern Cape) 1819 (desc by AH Haworth 1819),

(Aloe) **pluridens** (Eastern Cape, Natal) (desc by AH Haworth 1824),

(Aloe) **tenuior** (Eastern Cape) 1821 (desc by AH Haworth 1825),

(Bergeranthus) **nanus** (Eastern Cape) 1820 (desc by AP Dold & SA Hammer 2005),

(Bowiea) **myriacantha** (Burundi, Rwanda, Kenya Uganda, Zaire, Tanzania, Zimbabwe, Malawi, Eastern Cape, Natal) 1822 (desc by AH Haworth 1827) —> **Aloe myriacantha** by JA & JH Schultes 1829,

(Brachystelma) **campanulatum** (Eastern Cape) 1823 (desc by NE Brown 1908),

(Ceropegia) **stapeliiformis** (Eastern Cape) (desc by AH Haworth 1827),

(Dactylanthus) **globosa** (Eastern Cape) 1820 (desc by AH Haworth 1823) —> **Euphorbia globosa** by

J Sims 1826,

(Euphorbia) **coerulescens** (Eastern Cape) 1823 (desc by AH Haworth 1827),

(Euphorbia) **grandidens** (Eastern Cape) c1820 (desc by AH Haworth 1825),

(Euphorbia) **pentagona** (Eastern Cape) 1823 (desc by AH Haworth 1828),

(Euphorbia) **squarrosa** (Eastern Cape) 1823 (desc by AH Haworth 1827),

(Euphorbia) **tetragona** (Eastern Cape) 1823 (desc by AH Haworth 1827),

(Haworthia) **angustifolia** (Eastern Cape) c1824 (desc by AH Haworth 1825),

(Haworthia) **tessellata** (Northern Cape, Free State, Namibia) 1822 (desc by AH Haworth 1824)

—> **Haworthia venosa** ssp **tessellata** by MB Bayer 1982,

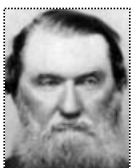
(Pereskia) **grandifolia** [w A Cunningham] (Brazil) 1816 (desc by AH Haworth 1821),

(Rhipsalis) **grandiflora** [w A Cunningham] (Brazil) 1816 (desc by AH Haworth 1819),

(Rhipsalis) **mesembryanthemoides** [w A Cunningham] (Rio de Janeiro) 1816 (desc by AH Haworth 1821),

(Rhipsalis) **salicornioides** [w A Cunningham] (Brazil) 1816 (desc by AH Haworth 1819) —> **Hatiora**

salicornioides by NL Britton & JN Rose 1915.



† **Bowker**, (Col) James **Henry** (23 Aug 1822–27 Oct 1900); RSA military, naturalist & botanist; commander of frontier armed & mounted police in Transkei, Eastern Cape; built Fort Bowker 1860 near Idutywa (Eastern Cape); collected mostly butterflies in Eastern Cape, Natal & Zululand; FLS 1889; sister ME Barber;

species nah:

(Ceropegia) **bowkeri** (Eastern Cape) (desc & nah by WH Harvey 1859 & disc by ME Barber),

(Pelargonium) **bowkeri** (Eastern Cape, Natal) (desc & nah by WH Harvey 1862);

disc species:

(Brachystelma) **barberae** (Eastern Cape, Natal, Mpumalanga, Northern Cape, Botswana, Zimbabwe)
(desc by JD Hooker 1866 & na ME Barber),

(Ceropegia) **tomentosa** [w ME Barber] (Eastern Cape, Natal) (desc by FRR Schlechter 1894),

(Huernia) **primulina** (Eastern Cape) ≈1878 (desc by NE Brown 1890) —> **Huernia thuretii** var **primulina**
by LC Leach 1988,

(Stapelia) **tsomoensis** (Eastern Cape) (desc by NE Brown 1882).

Boyce, R Montagu; Australia;

Book [1947] C&S Harvey, Western Australia; 24p;

[1949] *Guide to C&S Harvey*; 40p.

†**Boyd**, Wm Alexander Jenyns (27 Nov 1842–19 May 1928); France to Queensland, Australia 1860;
agriculture journalist, schoolmaster & soldier; owner & editor of Cleveland Bay Express in Townsville 1875 &
editor at various other papers; teacher & headmaster at various schools; soldier 1885–97; first spouse
Isabella [née Dawson] Boyd (–1916); second spouse Violet Picton Cora [née White] Boyd (–1927);

Book [1910] *The Sisal Fibre Industry in Queensland* Brisbane, Australia; 56p.

Boyle, (Dr) Alice M; US; PhD in plant pathology at Univ of Arizona, Tucson 1948; prof of plant pathology
at Univ of Arizona 1948–71;

Book [1948] *Further Studies of the Bacterial Necrosis of the Giant Cactus*; 42p; (PhD thesis).

Boyle, F,

disc species:

(Aloe) **boylei** (Eastern Cape, Natal, Limpopo, Mpumalanga) 1891 (desc & nah by JG Baker 1892).

Br. & R., = Britton & Rose. See **Britton**, NL & **Rose**, JN.

Br., J.R., - See **Brown**, John Robert.

Br., N.E., - See **Brown**, Nicholas Edward.

Br., R. - See **Brown**, Robert.

†**Brace**, Lewis Jones Knight (11 Nov 1852–15 Aug 1938); {Brace}; US; collected in Bahamas 1875–1919;
species nah:

(Agave) **braceana** (Bahamas) (desc & nah by WA Trelease 1913).



Brachet Ize, Christian; {Brachet}; Mex; member of Mexican cactus society;
specializes in Mamm & Crassula;

Book [2004] *Cactáceas Y Otras Plantas Nativas de la Cañada Cuicatlán, Oaxaca* = "Cacti & other
Plants of La Cañada, Cuicatlán, Oaxaca" [w J Reyes Santiago, J Perez Crisanto &

A Gutierrez de la Rosa] Mex; Spanish; 196p w 535 color photos;

disc species:

(Sedum) **brachetii** [w M de LA Isla-Luna & J Reyes-Santiago] (Guerrero) 2011 (desc & nah by
J Reyes-Santiago, O Gonzalez-Zorzano & M de LA Isla-Luna 2012);

desc species:

(Echeveria) **cuicatecana** [w J Pérez & J Reyes] (Oaxaca) 2004 —> **Pachyphytum cuicatecanum** by MW Kimnach 2010.



Brack, Steven (1949–); {S.Brack}; US nurseryman in Belen, New Mex; BS in physics at Univ of Wisconsin, Eau Claire, Wisconsin c1969; owner of Mesa Garden; explored & collected in Mex, Baja Calif, RSA & Namibia; IOS member 1985; CSSA Fellow award 2023; spouse Linda Brack; **Book** [1985] *The Rare & Sensitive Cacti of Carlsbad Caverns Natl Park* [w KD Heil] Farmington, New Mex; Eng; 13p;

disc pecies:

(Conophytum depressum ssp) **perdurans** [w SA Hammer] (Namaq) 1986 (desc by SA Hammer 2001),

desc variety:

(Opuntia macrocentra var) **aureispina** [w KD Heil] (Texas) 1988 —> **Opuntia aureispina** by DJ Pinkava & BD Parfitt 2001.

Bradbury, EP; US;

Book [1932] *Descriptive List of Succ Rock Garden Plants & Cacti* Fontana, Calif; Eng; 17p.

† **Bradbury**, John (20 Aug 1768–16 Mar 1823); {J.Bradbury}; British botanist; FLS 1792; to US 1808; collected near St. Louis, Missouri 1810; joined John Jacob Astor (1763–1848) expedition of 1811 across n portion of US along the Missouri River from St. Louis to western N Dakota w T Nuttall; disc a number of plant species in US pub by FT Pursh; to Eng 1816~;

disc species:

(Yucca) **glauca** (Texas to Canada) 1811 (desc by T Nuttall 1813).



† **Brade**, (Dr) Alexandre [Alexander] Curt (19 Jun 1881–17 Jul 1971); {Brade}; Ger orchidologist & pteridologist; to Brazil 1910; building engineer & farmer; biologist at Bot Institute, Diamantina, Minas Gerais 1928–52; collected in Costa Rica 1893 & in Brazil 1910;

disc species:

(Eccremocactus) **bradei** (Costa Rica) 1905 (desc & nah by NL Britton & JN Rose 1913) —> **Weberocereus bradei** by GD Rowley 1974,
(Lepismium) **cereoides** [w O Voll] (Brazil) 1936 (desc by C Backeberg & O Voll 1936) —> **Rhipsalis cereoides** by C Backeberg 1937–38,
(Pilosocereus) **bradei** (Minas Gerais) (desc & nah by C Backeberg & O Voll 1942) —> **Cipocereus bradei** by DC Zappi & NP Taylor 1991),
(Pilosocereus) **floccosus** (Minas Gerais) 1934 (desc by RS Byles & GD Rowley 1957);

desc species:

(Begonia) **petasitifolia** (Bahia) 1971;

variety nah:

(Hariota epiphylloides var) **bradei** (Brazil) (desc & nah by PC Porto & A Castellanos 1941) —> **Hatoria epiphylloides** ssp **bradei** by WA Barthlott & NP Taylor 1995.

† **Bradley**, Richard (1688–5 Nov 1732); {Bradley}; Eng botanist, horticulturist, scientist & bot writer; made his own drawings & paintings; prof of botany at Cambridge Univ 1724~; pub at least 24 books on horticulture & agriculture; pub first garden periodical of 15 issues 1721–24; FRS 1712; BCSS yearbook *Bradleya* 1983~ nah: first spouse ?; second spouse Mary Bradley;

Book [1706] *Paintings of his succulent plants, with written accounts of them*; (See AM Cecil for explanation),

[1710] *A Treatise on Succulent Plants*; (See AM Cecil),
 [1716–1727] *Historia Plantarum Succulentarum* = “*The History of Succ Plants*” London, Eng; Latin/Eng; 73p; (in 5 parts called decades w 10 copper engravings in each);
 [1716] part 1; 11p;
 [1717] part 2; 11p;
 [1725] part 3; 12p;
 [1727] part 4; 18p;
 [1727] part 5; 23p;
 first known succ only book written in any language; reprint in London 1964,
 [1721] *A Philosophical Account of the Works of Nature* London; 194p & 28 plates w Plate No. 2, figures III, IV, V & VI, are of cacti,
 [1964] *Collected writings on Succ Plants* London ; Eng; 220p; (facsimile reprint of 1716–27 edition).

Bradt, George M; US editor of *The Southern Florist & Gardener*, Louisville, Kentucky; friend of AB Nickels;
species nah:

(Cereus) **bradtianus** (Coahuila) (desc & nah by JM Coulter 1896 & disc by AB Nickels 1895)
 —> **Grusonia bradtiana** by NL Britton & JN Rose 1919.

†**Brady**, (Major) Lionel Francis (24 Jan 1880–Feb 1963); US archaeologist, botanist & geologist; geologist at Museum of Northern Arizona; hosted summer science camps in Flagstaff, Arizona; member of Geological Soc of Amer;

disc species:

(Pediocactus) **bradyi** (Arizona) 1958 (desc & nah by LD Benson 1962).

Bramwell, (Dr) David (1942–); {Bramwell}; British botanist; dir of Jardín Botánico Canario Viera y Clavijo, Canary Islands; IOS member 1976; spouse ZI Bramwell;

Book [1974] *Wild Flowers of the Canary Islands* [w ZI Bramwell] Cheltenham, Eng; Eng; 261p + 65p insert of color plates,

[1984] *Jardines de Canarias II (Cactus y Plantas Crasas)* [w ZI Bramwell] Madrid, Spain; Eng/Spanish/Ger; 135p w 100 colorphotos,

[1987] *Gardens of the Canaries: Cacti & Succ Plants Vol 2* [w ZI Bramwell]; 116p,

[1990] *Flores silvestres de las Islas Canarias* [w ZI Bramwell] Madrid; 376p;

species nah:

(Aeonium) **davidbramwellii** (Canary Islands) (desc & nah by H-Y Liu 1989);

desc species:

(Greenovia) **aureozoon** [w GD Rowley] 1973,

(Greenovium) **rowleyi** 1973 (na GD Rowley),

transfer species:

"*Sempervivum laxum*" (AH Haworth 1821) —> **Aichryson laxum** 1968.

Bramwell, Zoe I; spouse D Bramwell;

Book [1974] *Wild Flowers of the Canary Islands* [w D Bramwell] Cheltenham, Eng; Eng; 261p,

[1984] *Jardines de Canarias II (Cactus y Plantas Crasas)* [w D Bramwell] Madrid, Spain;

Eng/Spanish/Ger; 135p,

[1987] *Gardens of the Canaries: Cacti & Succ Plants Vol 2* [w D Bramwell]; 116p,

[1990] *Flores silvestres de las Islas Canarias* [w D Bramwell] Madrid; 376p.



† **Brandegee**, [née Layne,] (Dr med) Mary Katharine [Katherine, **Kate**] (28 Oct 1844–3 Apr 1920); {K.Brandeg.}; US physician & botanist; MD at Univ of Calif 1878; curator of herbarium at Calif Academy of Sciences 1883–94; student of & review of bot writings of EL Greene at Berkeley Univ, Calif; curator at Calif Academy of Sciences 1883–94; explored w second spouse in sw US & Mex; first to use the name **Cochemiea** (na Indian chief Cochem & the Indian tribe that once inhabited Lower Calif) as a subgenus of genus **Mammillaria** & increased to generic status by FA Walton in 1899; founded bot magazine *Zoe* w second spouse 1890; wrote short articles for *Zoe* & other periodicals; first spouse Hugh Curran (–1874); second spouse TS Brandegee;

desc species:

(Cereus) **pensilis** (Baja Calif) 1904 (disc by TS Brandegee 1890) —> **Echinocereus pensilis** by JA Purpus 1908,

(Cereus) **sciurus** (Baja Calif, Sinaloa) 1904 (disc by TS Brandegee 1897) —> **Echinocereus sciurus** by E Dams 1904,

(Cereus) **vagans** (Guerrero, Jalisco, Michoacan, Sinaloa) 1904 (disc by TS Brandegee) —> **Selenicereus vagans** by NL Britton & JN Rose 1913,

(Lewisia) **kelloggii** (Calif, Idaho) 1894 (disc by A Kellogg 1870 & nah),

(Mamm) **armillata** (Baja Calif) 1900 (disc by TS Brandegee 1893),

(Mamm) **dioica** (Baja Calif into Calif) 1897,

(Mamm) **lenta** (Coahuila) 1904 (disc by CA Purpus 1904),

(Mamm) **mainiae** (Arizona, Sonora) 1900 (disc by FM Main & nah),

(Mamm) **nickelsae** (Nuevo Leon) 1900 (disc by AB Nickels 1893 & nah) —> **Coryphantha nickelsae** by NL Britton & JN Rose 1923;

transfer species:

“Cactus brandegeei” (JM Coulter 1894) —> **Mamm brandegeei** 1897,

“Cactus pringlei” (JM Coulter 1894) to **Mamm pringlei** 1900,

“Idria columnaris” (A Kellogg 1860) to **Fouquieria columnaris** 1885;

desc variety:

(Cereus thurberi var) **littoralis** (Baja Calif) 1904 (disc by TS Brandegee 1892) —> **Stenocereus thurberi** ssp **littoralis** by NP Taylor 1998.



† **Brandegee**, Townshend[Townsend] Stith (16 Feb 1843–7 Apr 1925); {Brandegee}; US engineer, naturalist & botanist; BS in civil engineering at Yale Univ 1870; civil engineer on railroads in Colorado 1871–88; worked as botanist & surveyor w US Geographical & Geological Survey; collected in Baja Calif & near islands, mainland Mex, Calif & Nevada; founded bot journal *Zoe* w spouse 1890 & pub it 1890–94; spouse MK Brandegee;

Book [1889] *Plants from Baja Calif* San Francisco, Calif; Eng; 126p; (from Calif Academy of Sciences Proceedings, Series 2, #2);

genus nah:

Brandegea (US, Mex) (desc by CA Cogniaux 1890);

disc species:

(Cactus) **brandegeei** (Baja Calif) 1889 (desc & nah by JM Coulter 1894) —> **Mamm brandegeei** by MK Brandegee 1897,

(Cereus) **brandegeei** (Baja Calif) 1889 (desc & nah by JM Coulter 1896) —> **Echinocereus brandegeei** by KM Schumann 1898,

(Cereus) **pensilis** (Baja Calif) 1890 (desc by MK Brandegee 1904) —> **Echinocereus pensilis** by JA Purpus 1908,

(Cereus) **sciurus** (Baja Calif, Sinaloa) 1897 (desc by MK Brandegee 1904) —> **Echinocereus sciurus** by E Dams 1904,

(Cereus) **vagans** (Guerrero, Jalisco, Michoacan, Sinaloa) (desc by MK Brandegee 1904) —> **Selenicereus vagans** by NL Britton & JN Rose 1913,

(Cotyledon) **nubigena** (Lower Calif) 1890 (desc by TM Brandegee 1891 —> **Dudleya nubigena** by NL Britton & JN Rose 1903),

(Dudleya) **albiflora** (Baja Calif & islands Cedros, Natividad, Espiritu Santo) 1902 (desc by JN Rose 1903),

(Dudleya) **aloides** (Calif into Baja Calif) 1894 (desc by JN Rose 1903) —> **Dudleya saxosa** ssp **aloides** by RV Moran 1957,

(Dudleya) **pauciflora** (Baja Calif) 1893 (desc & nah by JN Rose 1903),

(Mamm) **armillata** (Baja Calif) 1893 (desc by MK Brandegee 1900);

desc species:

(Agave) **aurea** (Baja Calif) 1889,

(Agave) **margaritae** (Santa Margarita & Magdalena Islands) 1889,

(Agave) **sobria** (Baja Calif) 1889,

(Bursera) **filicifolia** (Baja Calif) 1908,

(Cereus) **eruca** (Baja Calif, Magdalena & San Jorge Islands) 1889 (disc by him 1889) —> **Stenocereus eruca** by AC Gibson & KE Horak 1979,

(Cereus) **gummosus** (Baja Calif, Sonora, Tiburon Island) 1889 (disc by him) —> **Stenocereus gummosus** by AC Gibson & KE Horak 1979,

(Cereus) **striatus** (Baja Calif, Sonora, Sinaloa, Arizona) 1891 (disc by him 1890) —> **Peniocereus striata** by F Buxbaum 1975,

(Cotyledon) **rubens** (Baja Calif) 1889 —> **Dudleya rubens** by NL Britton & JN Rose 1903,

(Fouquieria) **purpusii** (Puebla, Oaxaca) 1909 (disc by CA Purpus 1907 & nah),

(Mamm) **halei** (Lower Calif to Magdalena & Santa Margarita Islands) 1889 (disc by him 1889 & na JP Hale),

(Mamm) **petrophila** (Baja Calif) 1904 (disc by him 1899),

(Opuntia) **invicta** (Baja Calif) 1889 (disc by him 1889) —> **Corynopuntia invicta** by FM Knuth 1936,

(Opuntia) **molesta** (Baja Calif) 1889 (disc by him 1889) —> **Cylindropuntia molesta** by FM Knuth 1936,

(Pedilanthus) **tehuacanus** (Puebla) 1914,

(Sedum) **monticola** (state of Mex) 1919 —> **Sedum dendroideum** ssp **monticola** by RT Clausen 1959,

(Sedum) **pinetorum** (Calif) 1916,

(Talinum) **oligospermum** (Puebla) 1908,

(Yucca) **valida** (Baja Calif) 1889;

disc variety

(Cereus thurberi var) **littoralis** (Baja Calif) 1892 (desc by MK Brandegee 1904) —> **Stenocereus thurberi** ssp **littoralis** by NP Taylor 1998.



Brandham, (Dr) Peter Edward (1 Jun 1937–); {Brandham}; British botanist, plant geneticist & photographer; PhD at London Univ 1964; botanist & scientist in cytogenetics dept at Jodrell Laboratory, Kew 1967–97; associate editor of Bot Journal of the Linnean Soc; explored & collected in Ethiopia, Kenya, Somalia, RSA & Tanzania mainly for chromosome cytology studies; interested in Aloaceae; IOS member 1974;

Book [1989] *Beiselia mexicana (Burseraceae) & its Affinities* [w LL Forman, MM Harley & TJ Lawrence]; 31p;

species nah:

(Aloe) **brandhamii** (Tanzania) (desc & nah by S Carter 1994);

desc species:

(Aloe) **albovestita** [w S Carter] (Somalia) 1983,
(Aloe) **cheranganiensis** [w S Carter] (Kenya, Uganda) 1979,
(Aloe) **citrina** [w S Carter] (Kenya, Ethiopia, Somalia) 1983,
(Aloe) **gilbertii** [w Sebsebe Demissew] (Ethiopia) 1992 (na MG Gilbert),
(Aloe) **grisea** [w S Carter] (Somalia) 1983 (disc by PRO Bally 1954),
(Aloe) **juvenna** [w S Carter] (Kenya) 1979,
(Aloe) **morijensis** [w S Carter] (Kenya, Tanzania) 1979;

transfer variety:

“Aloe rigens var glabrescens” (GW Reynolds & PRO Bally 1958) —> **Aloe glabrescens** [w S Carter] 1983.

† **Brandt**, Fred Hermann (21 May 1908–1994); {F.H.Brandt}; Russian ethnologist; specialized in butterflies from Lithuania, Estonia, Finland, Iran & other Asian countries ≈1940; to Ger 1940; Parodia collector in Bolivia 1958~;

Book [1989] *Die Gattung Parodia SPEGAZZINI* Paderborn, Ger; 239p; (pub by EJM Piens w essentials of FH Brandt's work);

disc species:

(Sedum) **raramuri** [w MW Kimnach] (Chihuahua) 1967 (desc by JAF Metzger 2004);

desc species:

(Parodia) **gibbulosoides** (Bolivia) 1971,
(Parodia) **horrida** (Argentina) 1979 —> **Parodia microsperma** ssp **horrida** by R Kiesling & OE Ferrari 1990,
(Parodia) **prestoensis** (Bolivia) 1976 (disc by him),
(Weingartia) **oligacantha** (Bolivia) 1979 —> **Rebutia oligacantha** by DR Hunt 1997;

transfer species:

“Echinocactus haselbergii” (KT Rumpler 1886) —> **Parodia haselbergii** 1982,
“Echinocactus leninghausii” (KM Schumann 1900) —> **Parodia leninghausii** 1982,
“Eriocactus magnificus” (F Ritter 1966) —> **Parodia magnifica** 1982,
“Echinocactus nigrispinus” (KM Schumann 1899) —> **Parodia nigrispina** 1982,
“Echinocactus schumannianus” (KM Schumann 1893) —> **Parodia schumanniana** 1982,
“Eriocactus warasii” (F Ritter 1973) —> **Parodia warasii** 1982,
“Notocactus rechensis” (AFH Buining 1968) —> **Parodia rechensis** 1982.



Brandt, Friedrich [**Fred**] Karl (15 Dec 1935–); US; superintendent at Huntington Bot Gardens, Calif;

variety nah:

(Echeveria colorata var) **brandtii** (Jalisco) (desc & nah by MW Kimnach 1980) —> **Echeveria colorata** fa **brandtii** by MW Kimnach 1998.

Brandt, Linda;

Book [1978] *C&S: House Plants & Landscaping Ideas in Color (Sunset Book)* Menlo Park, Calif; Eng; 80p; (editor of).

† **Brandt**, (Dr) Max (1884–1914); {M.Brandt}; Ger botanist; PhD at Berlin Univ 1911; worked w EF Gilg on African Vitaceae;

desc species:

(Cissus) **juttae** [w EF Gilg] (Namibia) 1912 (na Jutta Dinter) —> **Cyphostemma juttae** by BM Descoings 1967,

(Cissus) **pachyantha** [w EF Gilg] (Kenya, Tanzania) 1911 —> **Cyphostemma pachyanthum** by BM Descoings 1967,

(Cissus) **rupicola** [w EF Gilg] (Cameroon, Chad) 1912 —> **Cyphostemma rupicola** by BM Descoings 1967.



† **Brass**, (Dr hc) Leonard [**Len**] John (17 May 1900–29 Aug 1971); Australian rancher, botanist & naturalist; cattle rancher in Queensland & Northern Territory; made inspections for Arnold Arboretum to Papua 1925–26 & British Solomon Islands 1932–33; associate curator at Archbold collections at Amer Museum of Natural History, Washington DC 1939–66; w Richard Archbold expeditions to New Guinea 1933–34, 1936–37, 1938–39, 1953, 1956 & 1959; joined Vernay expedition to Nyasaland for NY Bot Garden 1946; honorary PhD at Florida Univ 1962; spouse Maria [née Schiavone] Brass (–1954);

disc species:

(Myrmecodia) **brassii** (Papua) (desc & nah by ED Merrill & LM Perry 1945),

(Peperomia) **hunteriana** (Queensland) 1932 (desc by PR Forster 1999 & na J Hunter).

Braun, AR;

Book [1994] *An Analysis of Soil Fertility Depletion due to Continuous Sisal Cultivation* Wageningen, Netherlands; 88p.

Braun, [née Olma,] Beate; spouse PJ Braun;

species nah:

(Pierrebraunia) **brauniorum** (Minas Gerais) (desc by E Esteves Pereira 1999 & disc by him 1999 & na PJ & B Braun),

disc species:

(Melocactus) **braunii** [w PJ Braun & E Esteves Pereira] (Bahia) 1993 (desc by E Esteves Pereira 2003 & na PJ Braun).

Braun, Judith;

Book [2000] *Agavendicksaft — Die Natürliche Sonnensusse* [w J Weihofen] Troisdorf; 96p.

† **Braun**, Karl;

Book [1900] *Beiträge zur Anatomie der Adansonia digitata* Basel, Ger; 56p; (thesis).

† **Braun**, Karl [Carl] Philipp Johann Georg (18 Mar 1870–1935); Ger pharmacist & botanist in Tanzania; collected in Tanganyika 1905–16;

species nah:

(Sansevieria) **braunii** (Tanzania) (desc & nah by HGA Engler & K Krause 1910).



Braun, (Dr) **Pierre** Josef (22 Apr 1959–); {P.J.Braun}; Ger agronomist; PhD from Univ of Bonn, Ger 1991; works for consulting company, International Standards Organization 1999~; explored in S Amer (Brazil primarily), Africa, West Indies, Mex & US; IOS member 1984; CSSA Fellow award 1999; spouse B Braun;

Book [1984] *25 Jahre HU 'Horst-Uebelmann' (Beschriebene Arten und Feldnummern)* [w

WJ Uebelmann] Titisee-Neustadt, Ger; 64p,

[2002] *Die Kakteen Brasiliens* = "Cacti of Brazil" [w E Esteves Pereira]; Ger/Eng; 235p,

[2003] *Brazil & Its Columnar Cacti* [w E Esteves Pereira]; Eng; 56p;

genus nah:

Pierrebraunia (Brazil) (desc & nah by E Esteves Pereira 1997);

desc genus:

Estevesia (Brazil) 2009 (na E Esteves Pereira),

Siccobaccatus [w E Esteves-Pereira] 1990 (syn of *Micranthocereus* BACKEBERG);

species nah:

(*Cereus*) **pierre-braunianus** (Goiás) (desc & nah by E Esteves Pereira 2003 & disc by E Esteves Pereira 1998),

(*Coleocephalocereus*) **brauni** (Espírito Santo) (desc & nah by L Diers & E Esteves Pereira 1985),

(*Dyckia*) **braunii** (Goiás) 1990 (desc & nah by WHH Rauh),

(*Facheiroa*) **braunii** (Bahia) (desc & nah by E Esteves Pereira 2004),

(*Pierrebraunia*) **brauniorum** (Minas Gerais) (desc by E Esteves Pereira 1999 & disc by him 1999 & na PJ & B Braun),

(*Tacinga*) **braunii** (Minas Gerais) (desc & nah by E Esteves Pereira 1989);

disc species:

(*Melocactus*) **braunii** [w B Braun & E Esteves Pereira] (Bahia) 1993 (desc & na PJ Braun by E Esteves Pereira 2003);

desc species:

(*Cereus*) **estevesii** (Minas Gerais) 2004 (disc by him & E Esteves Pereira 1999 & na E Esteves Pereira),

(*Cleistocactus*) **horstii** (Brazil) 1982 (disc by L Horst & WJ Uebelmann 1974 & na L Horst)

—> **Cleistocactus baumannii** ssp **horstii** by NP Taylor 1998,

(*Coleocephalocereus*) **diersianus** [w E Esteves Pereira] (Brazil) 1988,

(*Dyckia*) **grandidentata** [w E Esteves Pereira] (Mato Grosso do Sul) 2008 (disc by E Esteves Pereira & PJ Braun 1988),

(*Dyckia*) **richardii** [w E Esteves Pereira] (Goiás) 2008 (disc by E Esteves Pereira 1964 & na Richard Esteves Pereira),

"*Echinocactus graessneri*" (KM Schumann 1903) —> **Parodia haselbergii** ssp **graessneri** [w A Hofacker] 1998,

(*Euphorbia*) **estevesii** [w NFA Zimmermann] (Goiás) 2000 (na E Esteves Pereira),

(*Facheiroa*) **estevesii** (Bahia) 1986 (disc by E Esteves Pereira 1984 & nah) —> **Facheiroa**

cephaliomelana ssp **estevesii** by NP Taylor & DC Zappi 1997,

(*Floribunda*) **bahiensis** [w E Esteves Pereira] (Bahia) 1993 (disc by E Esteves Pereira 1988)

—> **Pierrebraunia bahiensis** by E Esteves Pereira 1997,

(*Mamm*) **duwei** [w H Rogozinski] (Guanajuato) 1985 (disc by W Duwe 1983 & nah),

(*Melocactus*) **alex-bragai** [w E Esteves Pereira] (Bahia) 2008 (disc by L Horst & AFH Buining 1960s & na Alex Braga Nascimento);

(*Melocactus*) **estevesii** (Brazil) 1989 (na E Esteves Pereira),

(*Melocactus*) **lanssensianus** (Brazil) 1986 (na E Lanssens),

(*Opuntia*) **estevesii** (Bahia) 1990 (disc by E Esteves Pereira & C Esteves Pereira 1984 & na E Esteves Pereira) —> **Tacinga saxatilis** ssp **estevesii** by WH Stuppy & NP Taylor 2002,

(*Pilosocereus*) **flexibilispinus** [w E Esteves Pereira] (Bahia, Goiás) 1990 (disc by E Esteves Pereira 1980),

(*Pilosocereus*) **mollispinus** [w E Esteves Pereira] (Goiás) 2004 (disc by PJ Braun & E Esteves Pereira 2000),

(*Pilosocereus*) **pusillibaccatus** [w E Esteves Pereira] (Goiás) 1986 (disc by E Esteves Pereira 1982),

(*Pilosocereus*) **rosae** (Minas Gerais) 1984 (disc by L Horst & WJ Uebelmann 1982) —> ***Pilosocereus fulvilanatus* ssp *rosae*** by DC Zappi 1994;

transfer species:

“*Cereus melanurus*” (KM Schumann 1890) —> ***Arthrocereus malanurus*** [w E Esteves Pereira & L Diers] 1987,
“*Cereus squamosus*” (RLA Gurke 1908) —> ***Facheiroa squamosa*** 1989,
“*Echinopsis yungasensis*” (F Ritter 1980) —> ***Echinopsis bridgesii* ssp *yungasensis*** [w E Esteves Pereira] 1995,
“*Frailea conceptionensis*” (AFH Buining & G Moser 1971) —> ***Frailea schilinzkyana* ssp *conceptionensis*** [w E Esteves Pereira] 1995,
“*Frailea horstii*” (F Ritter 1970) —> ***Frailea gracillima* ssp *horstii*** [w E Esteves Pereira] 1995,
“*Gymnocalycium buenekeri*” (GJ Swales 1978) —> ***Gymnocalycium horstii* ssp *buenekeri*** [w A Hofacker] 2002,
“*Gymnocalycium matoense*” (AFH Buining & AJ Brederoo 1975) —> ***Gymnocalycium marsoneri* ssp *matoense*** [w E Esteves Pereira] 1995,
“*Melocactus cremnophilus*” (AFH Buining & AJ Brederoo 1972) —> ***Melocactus oreas* ssp *cremnophilus*** 1988,
“*Monvillea saddiana*” (CT Rizzini & A de Mattos-Filho 1985) —> ***Cereus saddianus*** 1988,
“*Notocactus fuscus*” (F Ritter 1979) —> ***Parodia fusca*** [w A Hofacker] 1998,
“*Notocactus neobuenekeri*” (F Ritter 1979) —> ***Parodia scopa* ssp *neobuenekeri*** [w A Hofacker] 1998,
“*Notocactus rudibuenekeri*” (W-R Abraham 1988) —> ***Parodia rudibuenekeri*** [w A Hofacker] 1998,
“*Notocactus stockingeri*” (KH Prestle 1985) —> ***Parodia stockingeri*** [w A Hofacker] 1998,
“*Notocactus succineus*” (F Ritter 1970) —> ***Parodia scopa* ssp *succinea*** [w A Hofacker] 1998,
“*Pseudopilocereus diersianus*” (E Esteves Pereira 1981) —> ***Pilosocereus diersianus*** 1988,
“*Pseudopilocereus jauruensis*” (AFH Buining & AJ Brederoo 1978) —> ***Pilosocereus jauruensis*** 1984,
“*Pseudopilocereus parvus*” (L Diers & E Esteves Pereira 1982) —> ***Pilosocereus parvus*** 1988,
“*Pseudopilocereus vilaboensis*” (L Diers & E Esteves Pereira 1983) —> ***Pilosocereus vilaboensis*** 1988,
“*Uebelmannia flavispina*” (AFH Buining & AJ Brederoo 1973) —> ***Uebelmannia pectinifera* ssp *flavispina*** [w E Esteves Pereira] 1995,
“*Uebelmannia meninensis*” (AFH Buining 1968) —> ***Uebelmannia gummifera* ssp *meninensis*** [w E Esteves Pereira] 1995.



† **Brauns**, (Dr med) Johannes [Hans] Heinrich Justus Carl Ernst (21 Mar 1857–2 Feb 1929); Ger to Willowmore, RSA; entomologist specializing in bees, PhD in geology; physician in Ger navy & in RSA; student of ancient languages; interested in succ & collected in RSA;

genus nah:

Braunsia (Cape) (desc & nah by MHG Schwantes 1928);

species nah:

(*Argyroderma*) ***braunsii*** (Cape) (desc & nah by MHG Schwantes 1928),
(*Chasmatophyllum*) ***braunsii*** (Northern Cape, Western Cape) (desc & nah by MHG Schwantes 1927),
(*Stomatium*) ***braunsii*** (Western Cape) (desc & nah by HML Bolus 1932);

disc species:

(*Euphorbia*) ***braunsii*** (Eastern Cape) 1911 (desc & nah by NE Brown 1915).

Braus-Ross, [née Braus,] Annamarie; Oberstdorf, Ger; sponsor [w spouse Erich Ross] of a WHH Rauh expedition to Mada 1961;

species nah:

(Euphorbia) **annamarieae** (Mada) (desc & nah by WHH Rauh 1991 & disc by WHH Rauh & G Buchloh 1961).

Bravenboer, Simon K; Dutch;

Book [1963] *Elseviers Cactussen Boek* Amsterdam, Netherlands; Dutch; 79p + 80 plates,

[1979] *Kweihundert Kakteen in Farbe* = "200 Kakteen in Color" Munich, Ger; Ger; 72p + 78 color photos.



† **Bravo-Hollis**, [Bravo,] (Prof) (Dr hc) **Helia** (30 Sep 1901–26 Sep 2001); {Bravo}; Mex botanist, taxonomist & cactus researcher; MS w thesis on 'A contribution to the knowledge of the cactus of Tehuacan' from Instituto de Biología, UNAM 1931; prof of botany at UNAM 1956~ & dir of bot garden 1965~; one of founders of Sociedad Mexicana de Cactología (the Mex Cactus Soc) 1951 & pres 1951–72; explored extensively in Mex w DB Gold, H Sanchez Mejorada, J Meyran, E Matuda, GE Lindsay, TB MacDougall; CSSA Fellow award 1941; Monaco Cactus d'Or award 1980; honorary doctorate from UNAM 1985; IOS member 1953 & honorary member 1986; the desert section of the Jardín Botánico at UNAM, *Jardín del Desierto Helia Bravo*, was nah in 1989;

Book [1931] *Las Cactaceas de Tehuacan* Chapultepec, DF, Mex,

[1931] *Cuatro Especies Nuevas del Genero Neomammillaria* in *Anales del Instituto de Biología*, DF, Mex,

[1932] *Las Cactaceas del Cañon del Zapilote* in *Anales del Instituto de Biología*, Mex city, Mex; Spanish; 24p,

[1937] *Las Cactaceas de Mex* Mex City; Spanish; 755p,

[1978–91] *Las Cactaceas de Mex*;

[1978] (Vol 1*) Mex City; Spanish; 746p (1937 rev),

[1991] (Vol 2*) Mex City; Spanish; 404p,

[1991] (Vol 3*) Mex City; Spanish; 643p,

[1989] *Claves Para la Identificación de las Cactaceas de Mex* [*] Mex City; Spanish; 92p,

[1995] *El Interesante Mundo de las Cactaceas* = "The Interesting World of the Cacti" [w L Scheinvar]

Mex City; Spanish; 233p;

(second edition 1999 w 233p);

[*w H Sanchez-Mejorada]

genus nah:

Heliabravoa (Puebla, Oaxaca) (desc & nah by C Backeberg 1956) (syn of *Polaskia* BACKEBERG);

desc genera:

Backebergia (Michoacan, Guerrero) 1953 (na C Backeberg) (syn of *Pachycereus* B&R),

Pseudomitrocereus [w F Buxbaum] (Mex) 1961 (syn of *Pachycereus* B&R);

species nah:

(Ariocarpus) **bravoanus** (San Luis Potosi) (desc & nah by HM Hernandez & EF Anderson 1992 & disc by HM Hernandez 1991),

(Opuntia) **bravoana** (Baja Calif) (desc & nah by EM Baxter 1933 & disc by EM Baxter 1930);

disc species:

(Coryphantha) **calipensis** (Puebla) 1960 (desc by S Arias Montes, LU Guzmán Cruz & S Gama López 1992) —> **Coryphantha pallida** ssp **calipensis** by RF Dicht & D Luthy 2000,

(Peniocactus) **chiapensis** (Chiapas) 1967 (desc by C Gomez-Hinostrosa & HM Hernandez 2005);

desc species:

(Cephalocereus) **mezcalaensis** (Mex) 1932 —> **Neobuxbaumia mezcalaensis** by C Backeberg 1941,

(Coryphantha) **greenwoodii** (Veracruz) 1970 (disc by EW Greenwood & nah) —> **Coryphantha**

elephantidens ssp **greenwoodii** by RF Dicht &

AD Luthy 2001,

(Echinocereus) **tulensis** (San Luis Potosi, Tamaulipas) 1973 (disc by H Sanchez-Mejorada 1973)

—> **Echinocereus cinerascens** ssp **tulensis** by NP Taylor 1997,

(Ferocactus) **lindsayi** (Michoacan) 1966 (disc by H Bravo-Hollis 1965 & na GE Lindsay),

(Mamm) **dodsonii** (Oaxaca) 1970 (disc by C Dodson 1969 & na JW Dodson) —> **Mamm dehertiana** ssp

dodsonii by DR Hunt 1997,

(Mamm) **matudae** (México) 1956 (na E Matuda),

(Mamm) **meyranii** (México) 1956 (na J Meyran),

(Mamm) **perezdelarosae** [w L Scheinvar] (Jalisco) 1985 (disc by JA Perez de la Rosa & nah) —> **Mamm**

bombycina ssp **perezdelarosae** by DR Hunt 1997,

(Mamm) **pilcayensis** (Guerrero) 1958 —> **Mamm spinosissima** ssp **pilcayensis** by DR Hunt 1997,

(Melocactus) **dawsonii** (Jalisco, Michoacán) 1965 (disc by her 1958 & na EY Dawson) —> **Melocactus**

curvispinus ssp **dawsonii** by NP Taylor 1991,

(Neomammillaria) **guerreronis** (Guerrero) 1932 —> **Mamm guerreronis** by C Backeberg & FM Knuth

1936,

(Opuntia) **huajuapensis** (Oaxaca) 1954,

(Opuntia) **tehuantepecana** (Oaxaca) 1972,

(Peniocereus) **occidentalis** (Oaxaca) 1963,

(Ritterocereus) **chacalapensis** [w TB MacDougall] (Oaxaca) 1957 —> **Stenocereus chacalapensis** by

F Buxbaum 1961,

(Selenicereus) **mirandae** (Chiapas) 1967 (disc by her 1967) —> **Weberocereus glaber** ssp **mirandae** by

AB Doweld 2002;

transfer species:

“Cereus euphorbioides” (AH Haworth 1819) —> **Neobuxbaumia euphorbioides** 1978,

“Echinocactus sulphureus” (AG Dietrich 1845) —> **Stenocactus sulphureus** 1982.



† **Bray**, (Dr) Wm L (19 Sep 1865–25 May 1953); US botanist & forest ecologist; studied w HGA Engler in Ger 1896–97; PhD at Univ of Chicago 1898; prof of botany at Univ of Texas 1897–1906 & at Syracuse Univ 1907–43; spouse Alice [née Weston] Bray;

Book [1905] *Vegetation of the Sotol Country in Texas* Austin, Texas; Eng; 24p.

† **Breazeale**, John M;

Book [1930] *Color Schemes of Cacti* Tucson, Arizona; Eng; 34p w 4 color plates; (w bot artist RL Hamilton).

Breazeale, Rachel Lucretia — See **Hamilton**, RL.



Breda, Philip Albert Brand van (5 Oct 1922–); RSA botanical technician; officer at Worcester Veld Reserve at Division of Botany & Plant Pathology, Western Cape 1941~;

species nah:

(Machairophyllum) **vanbredai** (RSA) (desc & nah by HML Bolus 1964);

(Ruschia) **vanbredai** (Eastern Cape) (desc & nah by HML Bolus 1962);

disc species:

(Cheiridopsis) **vanbredai** (Cape) 1961 (desc & nah by HML Bolus 1963) —> **Ihlenfeldtia excavate** ssp

vanbredai by SA Hammer 2013.

† **Breda de Haan**, (Dr) Jacob van (11 Nov 1866–12 Oct 1917); {Breda de Haan}; Dutch agriculturist & mycologist; PhD at Univ of Leiden 1891; agriculture inspector in Java;

Book [1891] *Anatomie van Het Geslacht Melocactus* = “The Anatomy of the Species Melocactus” Haarlem, Netherlands; Dutch; 123p (reprint 1993).



† **Brederoo**, Arnold J [‘Nol’] (1917–6 Dec 1999); {Brederoo}; Dutch bot artist who drew many of the plants desc by himself & AFH Buining; IOS member 1973;

Book [1984] *The Classification of the Rebutias* [w JD Donald] Laltabre, Calif; Eng; 132p; (reprint from Ashingtonia articles);

species nah:

(Melocactus) **brederooianus** (Bahia) (desc & nah by AFH Buining 1972 & disc by AFH Buining 1968);

desc species:

(Arrojadoa) **dinae** [w AFH Buining] (Bahia, Goias, Minas Gerais) 1973 (na D Buining),

(Arrojadoa) **eriocaulis** [w AFH Buining] (Bahia, Minas Gerais) 1973,

(Austrocephalocereus) **albicephalus** [w AFH Buining] (Bahia, Minas Gerais) 1973 (disc by AFH Buining 1972) —> **Micranthocereus albicephalus** by F Ritter 1979,

(Austrocephalocereus) **dolichospermaticus** [w AFH Buining] (Bahia, Minas Gerais) 1974 —>

Micranthocereus dolichospermaticus by F Ritter 1979,

(Austrocephalocereus) **estesvii** [w AFH Buining] (Goias, Minas Gerais, Tocantins) 1975 (disc by E Esteves Pereira ≈1974 & nah) —> **Micranthocereus estesvii** by F Ritter 1979,

(Buiningia) **purpurea** [w AFH Buining] (Minas Gerais) 1973 —> **Coleocephalocereus purpureus** by F Ritter 197

(Cereus) **crassisepalus** [w AFH Buining] (Brazil) 1973 —> **Cipocereus crassisepalus** by DC Zappi,

(Sansevieria kirkii var) **pulchra** (Zanzibar) 1915 (disc by Mr Last 1903),

(Sansevieria longiflora var) **fernandopoensis** (Equatorial Guinea’s Bioko Island) 1915,

(Sansevieria metallica var) **longituba** (Tropical Africa) 1915,

(Sansevieria metallica var) **nyasica** (Malawi) 1915 (disc by J Buchanan 1892),

(Sansevieria nilotica var) **obscura** (Uganda) 1915 (disc by MT Dawe c1913),

(Sansevieria raffillii var) **glauca** (Kenya) 1915,

(Schizoglossum decipiens var) **flavum** (Natal) 1909 —> **Schizoglossum stenoglossum** ssp **flavum** by FK Kupicha 1984,

(Schizoglossum pachyglossum var) **productum** (Limpopo, Mpumalanga) 1907 —> **Schizoglossum**

bidens ssp **productum** by FK Kupicha 1984;

transfer variety:

“Euphorbia burmannii var karroensis” (PE Boissier 1862) —> **Euphorbia karroensis** 1915,

“Piaranthus incarnatus var albus” (G Don f. 1838) —> **Caralluma incarnata** var **alba** 1909,

“Stapelia kwebensis var longipedicellata” (A Berger 1910) —> **Stapelia longipedicellata** 1913.

Bregman, (Dr) Rob; {Bregman}; worked at Hugo de Vries Laboratory, Univ of Amsterdam, Netherlands;

Book [1996] *The Genus Matucana: Biology & Systematics of Fascinating Peruvian Cacti* Rotterdam, Netherlands; Eng; 136p w 80 color photos;

transfer species:

“Borziactus huagalensis” (JD Donald & AB Lau 1970) —> **Matucana huagalensis** 1988,

“Borziactus krahni” (JD Donald 1979) —> **Matucana krahni** 1986,

“Borziactus tuberculatus” (JD Donald 1979) —> **Matucana tuberculata** [w A Meerstadt, P Melis & AB Pullen] 1987;

transfer variety:

“Borziactus madisoniorum var pujupatii” (JD Donald & AB Lau 1971) —> **Matucana pujupatii** 1988.

†**Brehme**, (Dr) Siegfried;

Book [1935] *Hvorledes Skalfjeg Passe og Pleje Mine Kaktus*; Danish; 32p,

[1985] *Ratschläge für den Kakteenfreund* = “Pieces of Advice for Cactus Lovers” Leipzig, Ger; Ger; 184p
w 176 color photos.

Breitung, August Johann Julius (9 May 1913–Sep 1987); {Breitung}; Canada;

Book [1968] *The Agaves* Reseda, Calif; Eng; 106p (from 1968 Yearbook of US C&S Journal).



†**Bremekamp**, (Prof) (Dr) Cornelis Eliza [Elisa] Bertus (7 Feb 1888–21 Dec 1984);

{Bremek.}; Dutch botanist & biologist; DSc at Univ of Utrecht 1912 w thesis on geotropy of twining plants; prof of botany at Transvaal Univ College, Pretoria, RSA 1924–31; scientist at bot museum & herbarium, Utrecht, Netherlands 1931–76; collected (w HGW Schwieckerdt) in n Transvaal,

Rhodesia & Mozambique;

Book [1932] *Merkwürdige Sukkulententypen aus dem Nordlichen Transvaal* = “Unusual Types of Succ from the n Transvaal” Jena, Ger; Ger; 12p;

desc species:

(Caralluma) **vansonii** [w AA Obermeyer] (Bechuanaland) 1935 (disc by G van Son 1930 & nah),
(Kedrostis) **crassirostrata** (Namibia, Gauteng, Limpopo) 1933.

†**Bremer III**, Lewis [Lew] (1910–); {L.Bremer}; US; explored & collected in Mex w spouse; spouse Barcia [née Weathers] Bremer A(1923–1995);

desc species:

(Coryphantha) **cuencamensis** (Durango) 1980 (disc by him 1979) → **Coryphantha durangensis** ssp **cuencamensis** by RF Dicht & AD Luthy 2001,
(Coryphantha) **delicata** (Tamaulipas, Zacatecas, Coahuila, Durango, San Luis Potosi, Nuevo Leon) 1979 (disc by him 1976),
(Coryphantha) **gracilis** [w AB Lau] (Chihuahua) 1977 (disc by AB Lau 1972),
(Coryphantha) **loui** (Coahuila) 1979 (disc by AB Lau 1976 & nah) → **Coryphantha pseudoechinus** ssp **loui** by RF Dicht & D Luthy 2001,
(Coryphantha) **neglecta** (Coahuila) 1979.

†**Brems**, Julius;

Book [1935] *Hvorledes Skal Jeg Passe og Pleje mine Kaktus en Populaer Vejledning* Copenhagen, Denmark; Danish; 30p,

[1935] *Mine Kaktus* Copenhagen; Danish; 85p.



Brenan, John Patrick Micklethwait (19 Jun 1917–26 Sep 1985); {Brenan}; British botanist & taxonomist; MA at Univ of Oxford 1940; keeper of herbarium at Kew 1965–76 & dir of royal bot garden 1976–81; collected in Zambia & Tanzania w PJ Greenway 1947–48 & in Nigeria 1948; FLS 1952;

transfer species:

“Bauhinia argentea” (E Chiovenda 1915) → **Tylosema argenteum** 1963,

“Bauhinia humifusa” [G Roti Michelozzi Clavarino & REG Pichi Sermolli] 1957 → **Tylosema humifusum** 1963,

“Talinum taitense” (FA Pax & GCW Vatke 1893) → **Calyptrotheca taitensis** 1949;

desc variety:

(*Crassula pentandra* var) **denticulata** (Malawi, Limpopo) 1954 —> ***Crassula lanceolata* ssp *denticulata*** by HR Tolken 1985.



Brenner, [née Weber] Sophia Elisabet (29 Apr 1659–14 Sep 1730); Swedish writer, poet, feminist & salon hostess; spouse

Elias Brenner, a painter & copperplate engraver of an *Agave americana* in bloom;

Book [1708] *Minne ofwer den Forundrans-warde Stora Americanska Aloen (Agave)* Stockholm, Sweden; 10p.

Breschke, Joachim;

Book [1985] *Beliebte Kakteen* Hannover, Ger; Ger; 160p w 38 plates,

[1987] *Bluhende Kakteen. Pflege, Schadlingsbekämpfung, Arbeitskalender* Dusseldorf, Ger; 145p.

Breslin, Peter; CSSA Fellow award 2023;

Book [2015] *Field Guide to Cacti & Other Succulents of Arizona* [w R Romero, G Starr & V Watkins] Tucson, Arizona; Eng; 302p w many color photos; (2nd edition 2017 w 302p & 417 color photos, 29 maps).



Brethauer, David **Bruce** (1958–); US typesetter/printer in Columbus, Ohio; BA degree in photography & cinema at Ohio State Univ 1980; explored in various US states & grower of winter hardy cacti; installed gardens of, & taught classes on, winter hardy cactus at Ohio State Univ & Franklin Park Conservatory; corresponding editor of Central Ohio C&SS newsletter; contributor in

1999 book 'Where the Hardy Cactus Grow' by D Sierer;

Book [2000] *Cactus in the Snow* Columbus, Ohio; Eng; 111p.

Breuer, Ingo (22 Jun 1955–); {Breuer}; Ger biology teacher working in computer industry; special interest in Haworthias; explored in RSA 1995~; editor of journal *Avonia*; IOS member 1995;

Book [1998] *The World of Haworthias, Vol 1* Niederzier, Ger; Eng; 340p,

[1999] *Notes on Haworthias* Niederzier; Eng; 219p; (compilation of JR Brown's publications from 1934–74),

[2000] *Haworthia Photographs (used to typify taxa described by Dr. Karl von Poellnitz)* Hamburg/Saar, Ger; 200p,

[2000] *The World of Haworthias, Vol 2*; Eng; 519p,

[2002] *Několik Pěstitelsky Atraktivních a Zajímavých Rostlin Rodu Haworthia*; Czech; 32p,

[2010–2011] *The Genus Haworthia*—Eng;

[2010] Book 1; 86p w 481 color photos,

[2011] Book 2; Part 1; 92p,

[2011] Book 2; Part 2; 49p.



†**Brewer**, (Dr) Wm Henry (14 Sep 1828–2 Nov 1910); {W.H.Brewer}; US naturalist & chemist; PhD at Yale Univ 1852; studied natural science & organic chemistry in Europe 1855–58; prof of chemistry at Washington & Jefferson College, Washington, Pennsylvania 1858–60; worked on first Calif Geological Survey 1860–64; first chair of agriculture at Yale Univ Sheffield Scientific School 1864~; spouse Angelina [née Jameson] Brewer (–1860);

Book [1876–80] *Botany of Calif* [w A Gray & S Watson] Cambridge, Massachusetts; Eng; (in 2 Vols);

[1876] Vol 1; 628p; (cacti section by GT Engelmann);

[1880] Vol 2; 559p.

† **Brewerton**, David Victor (1925–20 Aug 2000); British dental technician & horticulturist; member of Essex Branch of CSSGB 1952~ & of Havering Branch of NCSS 1967~ & pres late 1960s; RHM 1992; interested in Euphorbia & Astrophytum; editor of Essex Succ Review 1968–75; had cactus nursery 1973–84; spouse Barbara Brewerton (–1999);

Book [1975] *The Succ Euphorbias, an Introduction* Oxford, Eng; Eng; 48p; (NCSS Handbook No. 2).



† **Breyer-Brandwijk**, (Dr) Maria Gerdina (1899–27 Nov 1994); Netherlands pharmacist & chemist; PhD 1923 & pharmacy degree in 1924 at Univ of Utrecht; to RSA 1924 where lectured in pharmacology 1925–39; worked w JM Watt on poisonous & medicinal plants; consulting chemist at Chamber of Mines 1943~;

Book [1962] *The Medicinal & Poisonous Plants of Southern Africa* [w JM Watt] Edinburgh, Scotland; Eng; 1,457p w 26 leaves of plates.



† **Breyne**, [Breyn, Breynius,] Jacob [Jacobus, Jakob] (14 Jan 1637–25 Jan 1697); {Breyne}; Polish businessman, naturalist, artist & amateur scientist w interest in botany;

Book [1678] *Exoticarum Aliarumque minus Cognitarum Plantarum Centuris Prima* Gdansk (Danzig), Poland; Polish; 101 leaves of plates; (over 100 drawings by him w 3 plates of mesemb, & among 48 Cape plants illustrated included oldest mesemb, today known as *Herrea fusiformis* HML Bolus), [1680 & 1689] *Prodromus Fasciculi Rariorum Plantarum I & II* Gdansk.

Brezeale, Rachel Lucretia — See **Hamilton**, RL.

Brgr., — See A **Berger**.



Brickell, Christopher [Chris] David (1932–); {C.D.Brickell}; Eng; dir of Royal Horticultural Society's *Wisley Gardens*;

Book [1980] *International Code of Nomenclature for Cultivated Plants* Utrecht, Netherlands; Eng; 32p (revised 2004 w other people; 123p).

† **Bridges**, Thomas Charles (1807–1865); {Bridges}; British ornithologist; explored & collected in tropical areas of Chile, Peru, Bolivia & Guatemala 1922–56 & in Calif 1856–63; sent specimens to WJ Hooker at Kew; FLS 1844;

species nah:

(Echinopsis) **bridgesii** (Bolivia) (desc & nah by JFM Salm-Dyck 1850);

disc species:

(Echinocactus) **cinerascens** (coastal area of Atacama) 1841 (desc by JMF Salm-Dyck 1845) —> **Copiapoa cinerascens** by NL Britton & JN Rose 1922,

(Echinocactus) **cinnabarinus** (Bolivia) 1846 (desc by WJ Hooker 1847) —> **Echinopsis cinnabarina** by J Labouret 1853,

(Echinocactus) **echinoides** (Chile) 1841 (desc by JFM Salm-Dyck 1845) —> **Copiapoa echinoides** by NL Britton & JN Rose 1922,

(Echinocactus) **marginatus** (coastal hills of Antofagasta) 1841 (desc by JFM Salm-Dyck 1845) —> **Copiapoa marginata** by NL Britton & JN Rose 1922,

(Echinocactus) **obrepandus** (Bolivia) 1844 (desc by JFM Salm-Dyck 1845) —> **Echinopsis obrepanda** KM Schumann 1894,

(Copiapoa) **atacamensis** (Antofagasta) c1841 (desc by H Middleditch 1980) —> **Copiapoa calderana** ssp **atacamensis** by DR Hunt 2002,

(Opuntia) **vestita** (Argentina, Bolivia) c1844 (desc by JFM Salm-Dyck 1845) —> **Austrocylindropuntia vestita** by C Backeberg 1939.

† **Brigham**, Wm Tufts (24 May 1841–30 Jan 1926); US geologist & ethnologist; MA at Harvard Univ 1862; first dir of Bernice Pauahi Bishop Museum in Honolulu, Hawaii 1892~; early collector of plants from Hawaii;

genus nah:

Brighamia (Hawaii Islands) (desc & nah by A Gray 1867).

Brinckmann, Enno; Ger botanist; prof of botany at Bayreuth Univ, Ger;

Book [1992] *Life Strategies of Succ in Deserts (w Special Reference to the Namib Desert)* [w BM Eller, MJA Werger, DJ von Willert & H-D Ihlenfeldt] Cambridge, Eng; Eng; 360p.



Brink, [née Naudé,] **Estelle** (27 Apr 1936–); {E.Brink}; RSA horticulturist; BSc at Potchefstroom Univ 1956; on staff of National Herbarium, Bot Research Institute, Pretoria 1956–59; curator at Bot Research Unit, Bot Research Institute of Grahamstown, Dept of Agriculture 1964~;

desc species:

(Drimia) **acarophylla** [w AP Dold] (Eastern Cape) 2003 (disc by E Brink 1978).

† **Brinkman**, J (1950–1994); Dutch biologist & artist;

variety nah:

° (Dorstenia cuspidata var) **brinkmaniana** (Tanzania, Somalia, Kenya, Zambia) (desc & nah by MEE Hijman 1989).

Brinkmann, Karl-Heinz;

Book [1976] *Die Gattung Sulcorebutia* Titisee-Neustadt, Ger; Ger; 79p.



† **Briquet**, (Dr) John Isaac (13 Mar 1870–26 Oct 1931); {Briq.}; Swiss botanist; PhD 1891; dir of Geneva bot garden 1896~; spouse Esther [née Cuchet] Briquet;

species nah:

(Kalanchoe) **briquetii** (Mada) (desc & nah by Raymond-Hamet 1912);

desc species:

(Aeollanthus) **buchnerianus** (Tanzania to Mpumalanga, Free State, Natal, Eastern Cape) 1894 (disc by ? Bucnah),

(Plectranthus) **dinteri** (Namibia) 1903 (na KM Dinter),

(Plectranthus) **dolichopodus** (s Africa) 1903,

(Plectranthus) **grallatus** (Eastern Cape to Limpopo) 1903,

(Tetradenia) **goudotii** (Mada) 1884 (na (Mr) Goudot);

transfer species:

“Plectranthus subacaulis” (JG Baker 1895) —> **Aeollanthus subacaulis** [w H Hua] 1900.

† **Brissemoret**, ?Alphonse?; French pharmacologist;

species nah:

(Sedum) **brissemoretii** (Madeira Islands) (desc & nah by Raymond-Hamet 1925).

† **Bristol**, Barkley; US in Nogales, Arizona;

disc species:

(Echinocereus) **bristolii** [w WT Marshall] (Sonora) 1934 (desc & nah by WT Marshall 1938).

British Cactus & Succ Soc;

Book [1983~] *BCSS Journal* (a quarterly journal),

[1983~] *Bradleya* (an annual technical publication w approximately 130–145p per booklet).

Brito, H da S;

disc subsp:

(Rhipsalis baccifera ssp) **hileiabaiana** [w JL Hage] (Bahia) 1983 (desc by WA Barthlott & NP Taylor 1995).

Brito Teixeira, J — See **Teixeira**, J Brito.



† **Britten**, (Miss) **Grace** Violet (23 Feb 1904–1987); RSA; technical assistant to S Schonland, RA Dyer & others at Grahamstown Botanical Research Unit of Dept of Agriculture & Albany Museum Herbarium, Grahamstown, RSA 1921–84; developed an indigenous succ garden w interest in Haworthias & known for her museum flower table displays 1930–70; cousin LL Britten;

species nah:

(Delosperma) **gratieae** (Eastern Cape) (desc & nah by HML Bolus 1933),

(Faucaria) **gratieae** (Eastern Cape) (desc & nah by HML Bolus 1933),

(Haworthia) **venusta** (meaning graceful, charming) (Eastern Cape) (desc & nah by CL Scott 1996)

—> **Haworthia cooperi** var **venusta** by MB Bayer 1999.

† **Britten**, **James** (3 May 1846–8 Oct 1924); {Britten}; British botanist, taxonomist & bibliographer; assistant at Kew Herbarium 1869–71 & at botany dept of British Museum 1871–1909; FLS 1870; editor of *Journal of Botany* 1880~;

Book [1871] *Crassulaceae*; Eng; 16p,

[1917] *Notes on Mesemb*; Eng; 9p;

desc species:

(Crassula) **globularioides** (Malawi) 1871.

(Crassula) **massonii** [w EG Baker] (Western Cape) 1897 —> **Crassula alpestris** ssp **massonii** by

HR Tolken 1975,

(Kalanchoe) **brachyloba** (Zaire to Mozambique, Namibia, RSA) 1871, e4

(Kalanchoe) **glaucescens** (Sudan, Ethiopia, Somalia, Arabia) 1871,

(Kalanchoe) **humilis** (Malawi, Mozambique, Tanzania) 1871,

(Kalanchoe) **scapigera** (Angola) 1871,

(Kalanchoe) **stenosiphon** (Ethiopia) 1871,

(Kalanchoe) **velutina** (Angola) 1871,

(Kalanchoe) **welwitschii** (Angola) 1971 (na FMJ Welwitsch),

(Plectranthus) **sanguineus** (Malawi) 1894,

(Schizoglossum) **nyasae** [w AB Rendle] (Zimbabwe, Malawi, Mozambique) 1894 —> **Aspidoglossum**

nyasae by FJ Kupicha 1984,

(Stathmostelma) **welwitschii** [w AB Rendle] (Zaire, Tanzania, Zambia, Uganda, Sudan, Angola) 1894 (na FMJ Welwitsch).

†**Britten**, (Miss) **Lilian** Louisa (Dec 1886–1 Jan 1952); {L.L.Britten}; RSA botanist; BSc at Rhodes Univ, Grahamstown, RSA 1907; lecturer in botany at Rhodes Univ 1918–41; one of founders of Grahamstown Nature Reserve 1932; cousin GV Britten;

species nah:

(Delosperma) **britteniae** (Eastern Cape) (desc & nah by HML Bolus 1928) —> **Corpuscularia britteniae** by HEK Hartmann 2001,

(Faucaria) **britteniae** (Eastern Cape) (desc & nah by HML Bolus 1933),

(Ruschia) **britteniae** (Eastern Cape) (desc & nah by HML Bolus 1929);

disc species:

(Haworthia) **truncata** (Western Cape) 1909 (desc by S Schonland 1910);

desc species:

(Streptocarpus) **kentaniensis** [w R Story] (Eastern Cape) 1954.



†**Britton**, (Prof) (Dr) Nathaniel Lord (15 Jan 1859–25 Jun 1934); {Britt.}; US geologist, botanist & artist; earned 'Engineer of Mines' BS at Columbia Univ, NYC 1879; PhD at Columbia Univ w thesis on flora of New Jersey 1881; LLD at Univ of Pittsburgh, Pennsylvania 1912; botanist & assistant geologist on Geological Survey of New Jersey 1879–84; prof of geology & botany at Columbia Univ 1886–96; founded the Bot Soc of Amer 1893, its pres 1897–98; founding member & dir of NY Bot Garden 1896–29; took some 30 bot explorations in West Indies 1898~; a strict user of the Amer code of bot nomenclature; appointed research associate at NY Bot Garden 1912~ while working as senior partner w JN Rosse on *The Cactaceae* book project (RS Williams selected & preserved specimens for illustrations, mostly by ME Eaton, artist); first Life Member of CSSA; pres of Bot Soc of Amer 1898 & 1920; pres of NY Academy of Science 1907; member of Natl Academy of Sciences 1914 & of Amer Philosophical Soc 1928; foreign member of Linnean Soc of London, Eng 1925; Amer Academy of Arts & Sciences Fellow 1925; honorary president of CSSA 1929~; NY Bot Garden periodical *Brittonia* nah 1931, & herbarium nah 1935; prolific writer of technical papers on plant classification; spouse Elizabeth Gertrude [née Knight] Britton (9 Jan 1858–25 Feb 1934), a bryologist w special interest in mosses & ferns;

Book [1896–98] *An Illustrated Flora of Northern US, Canada, & the British Possessions* [w A Brown] New York, NY; Eng; (in 3 Vols);

[1896] Vol 1; Ophioglossaceae to Aizoaceae; 612p;

[1897] Vol 2; Portulacaceae to Menyanthaceae; 643p;

[1898] Vol 3; Apocynaceae to Compositae; 588p

(2nd edition [1913] Vol 1; 680p; Vol 2; 735p & Vol 3; 637p),

[1903] *New or Noteworthy N Amer Crassulaceae (Crassula, Echeveria, Dudleya & Sedum)** NY; Eng; 45p,

[1908] *A Preliminary Treatment of the Opuntioideae of N Amer** DC; Eng; 36p,

[1909] *The Genus Cereus & its Allies in N Amer* DC; Eng; 23p,

[1913] *The Genus Epiphyllum & its Allies**; Eng; (reprint 2004 w 12p),

[1919–23] *The Cactaceae** DC; Eng; 1,053p;

[1919] (Vol 1); *Pereskiae & Opuntiae*; 236p w 36 plates;

[1920] (Vol 2); *Cereanae & Hylocereanae*; 239p w 40 plates;

[1922] (Vol 3); *Echinocereanae, Echinocactanae & Cactanae*; 255p w 24 plates;

[1923] (Vol 4); *Coryphantanae, Epiphyllanae & Rhipsalidanae*; 318p w 37 plates;

[*w JN Rose]

desc genus (w/o JN Rose):

Harrisia (Bolivia, Argentina, Brazil, Bahamas, Dominican Rep, Cuba, Jamaica, Haiti, Puerto Rico, Uruguay, Florida, Paraguay) 1908 (na JW Harris);

desc genera [w JN Rose]:

Acanthocereus (Mex, Guatemala, Colombia, Venezuela, Brazil, Netherlands Antilles, Costa Rica, Cuba, Honduras, Lesser Antilles, Nicaragua, Panama, El Salvador, US) 1909,

Acanthorhopsalis (Peru, Bolivia, Argentina) 1923 (syn of Lepismium PFEIFFER & Pfeiffera SALM-DYCK),

Ancistrocactus (Mex, US) 1923 (syn of Sclerocactus B&R),

Arequipa (Peru, Chile) 1922 (syn of Oreocereus RICCOBONO),

Arrojadoa (Brazil) 1920 (na M Arrojado Lisboa),

Austrocactus (Argentina, Chile) 1922,

Bartschella (Baja Calif) 1923 (na P Bartsch) (syn of Mamm HAWORTH),

Bergerocactus (Calif, Baja Calif) 1909 (na A Berger),

Binghamia (Peru) 1920 (na H Bingham) (syn of Haageocereus BACKEBERG & Cleistocactus LEMAIRE),

Brachycereus (Galapagos Islands) 1920,

Browningia (Peru, Chile) 1920 (na WE Browning),

Carnegiea (Arizona, Calif, Sonora) 1908 (na A Carnegie),

Chamaecereus (Argentina) 1922 (syn of Echinopsis ZUCCARINI),

Chiapasias (Mex, Honduras) 1923 (syn of Disocactus LINDLEY),

Copiapoa (Chile) 1922,

Corryocactus (Peru, Bolivia, Chile) 1920 (na TA Corry),

Deamia (Mex to Colombia) 1920 (na CC Deam) (syn of Strophocactus B&R),

Dendrocereus (Cuba, Haiti, Dominican Rep) 1920,

Denmoza (Argentina) 1922,

Dolichothele (Texas into Mex to Oaxaca) 1923 (syn of Mamm HAWORTH),

Dudleya (Oregon, Nevada, Calif, Arizona, Sonora, Baja Calif & nearby islands) 1903 (na WR Dudley),

Eccremocactus (Costa Rica) 1913 (syn of Weberocereus B&R),

Echinomastus (Utah, Arizona, New Mex into Mex to Zacatecas) 1922 (syn of Sclerocactus B&R),

Epithelantha (New Mex, Texas, Coahuila, Nuevo Leon) 1922,

Erdisia (Peru into Chile) 1920 (na EC Erdis) (syn of Corryocactus B&R),

Escobaria (Cuba, Mex, Canada, US) 1923 (na R & N Escobar),

Espostoa (Bolivia, Ecuador, Peru) 1920 (na NE Esposto),

Facheiroa (Brazil) 1920,

Ferocactus (Calif, Utah, Nevada, Arizona, New Mex, Texas, Mex, Guatemala) 1922,

Frailea (Brazil, Uruguay, Paraguay, Argentina, Bolivia, Colombia) 1922 (na M Fraile),

Gormaniana (western N Amer) 1903 (syn of Sedum LINNAEUS),

Grusonia (Mex) 1919 (na H Gruson),

Hamatocactus (Texas, New Mex into Mex) 1922 (syn of Ferocactus B&R & Sclerocactus B&R),

Hattoria (Brazil) 1915 (na T Harriot),

Helicocereus (Mex, Guatemala) 1909 (syn of Disocactus LINDLEY),

Hickenia 1922 (na CM Hicken) (invalid because already used for a genus in Asclepiadaceae) (syn of Parodia SPEGAZZINI),

Homalocephala (s US to n Mex) 1922 (syn of Echinocactus LINK & OTTO),

Hylocereus (Mex, Central Amer, West Indies, Venezuela, Guyana, Colombia, Peru) 1909,

Jasminocereus 1920 (Galapagos Islands),

Lemaireocereus (Mex) 1909 (na AC Lemaire) (syn of Stenocereus RICCOBONO),

Leocereus (Brazil) 1920 (na A Pacheco Leão),

Leptocereus (Cuba, Dominican Rep, Haiti, Cayman Islands, Virgin Islands, Puerto Rico) 1909,
Lobivia (Argentina, Bolivia, Peru) 1922 (syn of *Echinopsis* ZUCCARINI),
Lophocereus (Arizona, Baja Calif, Sonora, Sinaloa) 1909 (syn of *Pachycereus* B&R),
Machaerocereus (Baja Calif) 1920 (syn of *Stenocereus* RICCOBONO),
Matucana (Peru) 1922,
Mediocactus (Peru, Bolivia, Argentina, Paraguay, Brazil) 1920 (syn of *Hylocereus* B&R & *Echinopsis* ZUCCARINI),
Mila (Peru) 1922,
Monvillea (Ecuador, Peru, Bolivia, Argentina, Paraguay, Brazil) 1920 (na HB de Monville) (syn of *Cereus* MILLER & *Praecereus* BUXBAUM),
Neoabbottia (Caribbean Islands) 1921 (na WL Abbott) (syn of *Leptocereus* B&R),
Neobesseyia (Mex, US into Canada) 1923 (na CE Bessey) (syn of *Escobaria* B&R),
Neolloydia (Mex, Texas, New Mex, Cuba) 1922 (na FE Lloyd),
Neomammillaria 1923 (syn of *Mamm* HAWORTH),
Neoporteria (Chile, Argentina, Peru) 1922 (na CE Porter) (syn of *Eriosyce* PHILLIPI),
Neoraimondia (Bolivia, Peru) 1920 (na A Raimondi),
Nopalxochia (Mex) 1923 (syn of *Disocactus* LINDLEY),
Nyctocereus (Mex, Guatemala, Nicaragua) 1909 (syn of *Peniocereus* B&R & *Strophocactus* B&R),
Oroya (Peru) 1922,
Pachycereus (Baja Calif, Sonora, Guatemala, Honduras, US) 1909,
Pediocactus (Calif, Arizona, New Mex, Colorado, Nevada, Utah, Idaho, Kansas, Montana, Oregon, Washington) 1913,
Peniocereus (Arizona, New Mex, Texas into Mex, Costa Rica, Guatemala, Honduras, Nicaragua, El Salvador) 1909,
Pereskiopsis (Mex, Guatemala) 1907 (na NCF de Peiresc),
Phellosperma (Utah, Arizona, Calif, Baja Calif) 1923 (syn of *Mamm* HAWORTH),
Pseudorhipsalis (Mex, Costa Rica, Jamaica, Bolivia, Brazil, Colombia, Ecuador, Guatemala, Honduras, Haiti, Nicaragua, Panama, Peru, Venezuela) 1923,
Quiabentia (Brazil, Paraguay, Bolivia, Argentina) 1923,
Rathbunia (Mex) 1909 (na R Rathbun) (syn of *Stenocereus* RICCOBONO),
Rhipsalidopsis (Brazil) 1923 (syn of *Hatiora* B&R),
Sclerocactus (Colorado, New Mex, Utah, n Mex) 1922,
Sedella (Calif) 1903,
Selenicereus (tropical Amer, Caribbean Islands) 1909,
Solisia (Puebla, Oaxaca) 1923 (na O Solis) (syn of *Mamm* HAWORTH),
Stetsonia (Bolivia, Paraguay, Argentina) 1920 (na FL Stetson),
Strombocactus (Hidalgo, Queretaro, Guanajuato) 1922,
Strophocactus (Brazil, Belize, Colombia, Costa Rica, Guatemala, Honduras, Mex, Nicaragua, Peru, Venezuela) 1913,
Tacinga (Bahia) 1919,
Thelocactus (Mex, Texas) 1922,
Thompsonella (Mex) 1909 (na CH Thompson),
Toumeyia (New Mex, Arizona) 1922 (na JW Toumey) (syn of *Sclerocactus* B&R & *Pediocactus* B&R),
Utahia (Arizona) 1922 (syn of *Pediocactus* B&R),
Villadia (Mex) 1903,
Weberocereus (Costa Rica, Panama, Mex, Ecuador, Panama, Guatemala, El Salvador) 1909 (na FAC Weber),

Werckleocereus (Guatemala, Costa Rica) 1909 (na C Werckle) (syn of Weberocereus B&R),
Wilcoxia (Texas into Mex) 1909 (na TE Wilcox) (syn of Echinocereus ENGELMANN & Peniocereus B&R),
Wilmattea (Guatemala, Honduras) 1920 (na Wilmatte Cockerell) (syn of Hylocereus B&R),
Zehntnerella (Brazil) 1920 (na L Zehntner) (syn of Facheiroa B&R);

species nah:
 (Agave) **brittoniana** (Cuba) (desc & nah by WA Trelease 1913),
 (Dudleya) **brittonii** (Baja Calif & island Todos Santos) (desc & nah by DA Johansen 1933 & disc by HE Gates),
 (Nopalea) **brittoni** (desc & nah by A Houghton 1929);

desc species (w/o JN Rose):
 (Diamorpha) **smallii** (N Carolina) 1905 (na JK Small) —> **Sedum smallii** by HE Ahles 1964,
 (Dudleya) **candida** (Baja Calif island Coronados) 1903,
 (Dudleya) **ovatifolia** (Calif) 1903 —> **Dudleya cymosa** ssp **ovatifolia** by RV Moran 1957,
 (Gormania) **eastwoodiae** (Calif) 1903 (na A Eastwood) —> **Sedum laxum** ssp **eastwoodiae** by RT Clausen 1975,
 (Gormania) **laxa** (Oregon, Calif) 1903 —> **Sedum laxum** by A Berger 1930,
 (Hariota [Hatiota]) **boliviana** (Bolivia) 1893 (disc by ? Bang 1890) —> **Pfeiffera boliviana** by DR Hunt 2002,
 (Hariota [Hatiota]) **crenata** (Bolivia) 1891 (disc by HH Rusby 1885) —> **Pfeiffera crenata** by PV Heath 1994,
 (Lenophyllum) **weinbergii** (Coahuila) 1904 (na F Weinberg),
 (Leptocereus) **grantianus** (Puerto Rico Culebra Island of West Indies) 1933 (disc by C Grant 1932 & nah),
 (Pedilanthus) **jamaicensis** [w CF Millspaugh] (Jamaica) 1913 —> **Pedilanthus tithymaloides** ssp **jamaicensis** by RL Dressler 1957,
 (Portulaca) **caulerpoides** [w P Wilson] (Puerto Rico) 1915,
 (Portulaca) **cubensis** [w P Wilson] (Cuba) 1920,
 (Rhipsalis) **jamaicensis** [w WH Harris] (Jamaica, Haiti) 1909 —> **Pseudorhipsalis ramulosa** ssp **jamaicensis** by AB Doweld 2002,
 (Rhodiola) **neomexicana** (New Mex) 1903 —> **Rhodiola integrifolia** ssp **neomexicana** by H Ohba 1999,
 (Sedum) **cockerellii** (New Mex, Chihuahua) 1903 (na TDA Cockerell),
 (Sedum) **leibergii** (Washington, Idaho, Oregon) 1905 (na JB Leiberg),
 (Sedum) **mexicanum** (Florida, Mex Central Amer, Colombia) 1899,
 (Sedum) **pruinsum** (Canada's Vancouver Island, Washington, Oregon, Calif) 1905 —> **Sedum spathulifolium** ssp **pruinsum** by RT Clausen & CH Uhl 1944,
 (Sedum) **yosemitense** (Calif) 1903 —> **Sedum spathulifolium** ssp **yosemitense** by RT Clausen 1975;

desc species [w JN Rose]:
 (Acanthocereus) **albicaulis** (Brazil) 1920 (disc by JN Rose & PG Russell 1915) —> **Cereus albicaulis** by P von Luetzelburg 1926,
 (Acanthocereus) **brasiliensis** (Brazil) 1920 (disc by JN Rose 1915) —> **Pseudoacanthocereus brasiliensis** by F Ritter 1979,
 (Borizactus) **fieldianus** (Peru) 1923 (disc by JF Macbride & ? Featherstone 1922 & na M Field) —> **Cleistocactus fieldianus** by DR Hunt 1987,
 (Cactus) **bahiensis** (Brazil) 1922 (disc by JN Rose & PG Russell 1915) —> **Melocactus bahiensis** by P von Luetzelburg 1926,

(Cactus) **broadwayi** (Lesser Antilles, Tobago Island) 1922 (disc by W Broadway 1914 & nah)
 —> **Melocactus broadwayi** by A Berger 1926,
 (Cactus) **harlowii** (Cuba) 1912 (na CH Harlow) —> **Melocactus harlowii** by FKJ Vaupel 1912,
 (Cactus) **zehntneri** (Bahia) 1922 (disc by JN Rose & PG Russell 1915 & na L Zehntner) —> **Melocactus zehntneri** by P von Lutzelburg 1926,
 (Cephalocereus) **brasiliensis** (Rio de Janeiro) 1920 (disc by JN Rose & PG Russell 1915) —> **Pilosocereus brasiliensis** by C Backeberg 1960,
 (Cephalocereus) **collinsii** (Oaxaca) 1923 (disc by ? Cook & GN Collins 1902) —> **Pilosocereus collinsii** by RS Byles & GD Rowley 1957,
 (Cephalocereus) **purpusii** (Sinaloa, Jalisco, Michoacan, Nayarit) 1920 (disc by CA Purpus c1905 & nah)
 —> **Pilosocereus purpusii** by RS Byles & GD Rowley 1957,
 (Cephalocereus) **smithianus** (Venezuela) 1920 (disc by JN & LB Rose 1916 & na CC Smith)
 —> **Praecereus euchlorus** ssp **smithianus** by NP Taylor 1997,
 (Cephalocereus) **zehntneri** (Bahia, Minas Gerais) 1920 (disc by L Zehntner 1917 & nah)
 —> **Pilosocereus gounellei** ssp **zehntneri** by DC Zappi 1994,
 (Copiapoa) **megarhiza** (Chile) 1922 (disc by JN Rose 1914),
 (Corryocactus) **ayacuchoensis** (Peru) 1957 (disc by WHH Rauh 1954),
 (Coryphantha) **cubensis** (Cuba) 1912 (disc by JA Shafer 1909 —> **Escobaria cubensis** by DR Hunt 1978),
 (Coryphantha) **pallida** (Puebla) 1923 (disc by JN Rose 1901),
 (Coryphantha) **retusa** (Puebla, Oaxaca) 1923 (disc by CG Pringle 1894),
 (Coryphantha) **runyonii** (Texas) 1923 (disc by R Runyon 1921 & nah) —> **Coryphantha macromeris** ssp **runyonii** by NP Taylor 1998,
 (Discocactus) **bahiensis** (Brazil) 1922 (disc by L Zehntner 1915),
 (Discocactus) **zehntneri** (Brazil) 1922 (disc by L Zehntner & nah),
 (Eccremocactus) **bradei** (Costa Rica) 1913 (disc by A Brade 1905 & nah) —> **Weberocereus bradei** by GD Rowley 1974,
 (Echeveria) **microcalyx** 1911,
 (Echinocactus) **almosanus** (Sonora, Sinaloa, Chihuahua) 1913 (disc by JN Rose 1910) —> **Ferocactus almosanus** by NL Britton & JN Rose 1922,
 (Echinocereus) **barthelowanus** (Magdalena Island near Santa Maria Bay, Baja Calif Sur) 1920 (na B Barthelow & disc by JN Rose 1911),
 (Echinocereus) **fitchii** (Texas, Nuevo Leon & Tamaulipas) 1922 (disc by JN Rose 1913 & na WR Fitch)
 —> **Echinocereus reichenbachii** ssp **fitchii** by NP Taylor 1997,
 (Echinocereus) **grandis** (San Esteban Island) 1922 (disc by JN Rose 1911)
 (Echinocereus) **palmeri** (Durango, Chihuahua) 1922 (disc by E Palmer 1908 & nah),
 (Echinocereus) **perbellus** (Texas, Oklahoma, Colorado, New Mex) 1922 (disc by JN Rose & PC Standley 1910) —> **Echinocereus reichenbachii** ssp **perbellus** by NP Taylor 1997,
 (Echinocereus) **scopulorum** (Sonora) 1922 (disc by JN Rose, PC Standley & PG Russell 1910),
 (Echinopsis) **aurea** (Argentina) 1922 (disc by JN Rose 1915),
 (Epiphyllum) **guatemalense** (Guatemala, Chiapas) 1913 (disc by F Eichlam 1910) —> **Epiphyllum hookeri** ssp **guatemalense** by R Bauer 2003,
 (Epiphyllum) **nelsonii** (Chiapas, Guatemala, Honduras) 1913 (disc by EW Nelson 1896 & nah)
 —> **Disocactus nelsonii** by KHL Lindinger 1942,
 (Epiphyllum) **pumilum** (Belize, Guatemala, Chiapas, Oaxaca, Tabasco, Veracruz) 1913 (disc by F Eichlam 1910),

(Escobaria) **chaffeyi** (Zacatecas, Coahuila) 1923 (disc by E Chaffey 1910 & nah) —> **Escobaria dasyacantha** ssp **chaffeyi** by NP Taylor 1998,

(Escobaria) **chihuahuensis** (Chihuahua) 1923 (disc by CG Pringle 1885),

(Escobaria) **lloydii** (Zacatecas) 1923 (disc by FE Lloyd 1908 & nah),

(Escobaria) **sneedii** (Chihuahua, New Mexico, Texas) 1923 (disc by JR Sneed 1921 & nah),

(Ferocactus) **covillei** (Arizona into Sonora) 1922 (disc by CG Pringle 1884 & na FV Coville)

—> **Ferocactus emoryi** ssp **covillei** by DR Hunt & MA Dimmitt 2005,

(Ferocactus) **johnstonianus** (Baja Calif) 1923 (disc by IM Johnston 1921 & nah),

(Ferocactus) **santa-maria** (Magdalena Island) 1922 (disc by JN Rose 1913),

(Ferocactus) **townsendianus** (San Jose Island) 1922 (disc by JN Rose 1911 & na CHT Townsend),

(Gymnocalycium) **spgazzinii** (Argentina, Bolivia) 1922 (na CL Spegazzini),

(Hatoria) **cylindrica** (Rio de Janeiro, Bahia) 1923 (disc by JN Rose 1915),

(Hylocereus) **minutiflorus** (Guatemala, Belize, Honduras) 1913 (disc by RH Peters 1907),

(Lemaireocereus) **cartwrightianus** (Ecuador, Peru) 1920 (disc by JN Rose 1918 & na A Cartwright)

—> **Armatocereus cartwrightianus** by AW Hill 1938,

(Lemaireocereus) **eichlamii** (Guatemala) 1920 (disc by F Eichlam 1909 & nah) —> **Stenocereus eichlamii** by F Buxbaum 1961,

(Lemaireocereus) **godingianus** (Ecuador) 1920 (disc by JN Rose & G Rose 1918 & na FW Goding)

—> **Armatocereus godingianus** by EJ Salisbury 1947,

(Lemaireocereus) **humilis** (Colombia) 1920 (disc by HF Pittier 1906) —> **Stenocereus humilis** by DR Hunt 2002,

(Lemaireocereus) **montanus** (Sonora) 1920 (disc by JN Rose, PC Standley & PG Russell 1910)

—> **Stenocereus montanus** by F Buxbaum 1961,

(Lemaireocereus) **treleasei** (Oaxaca) 1909 (disc by JN Rose 1906 & na WA Trelease) —> **Stenocereus treleasei** by C Backeberg 1951,

(Leocereus) **bahiensis** (Bahia) 1920,

(Leptocereus) **arboreus** (Cuba) 1912 (disc by NL Britton, JF Cowell & WH Earle 1911),

(Leptocereus) **leonii** (Cuba, Cayman Islands) 1912 (na JSS Leon),

(Leptocereus) **sylvestris** (Cuba) 1920 (disc by NL Britton, JF Cowell & J Shafer 1912),

(Lobivia) **bruchii** (Argentina) 1922 (disc by C Bruch 1907 & nah) —> **Echinopsis formosa** ssp **bruchii** by M Lowry 2002,

(Lobivia) **ferox** (Bolivia, Argentina) 1922 (disc by JN Rose 1914) —> **Echinopsis ferox** by C Backeberg 1934,

(Lobivia) **pampana** (Peru) 1922 (disc by JN Rose 1914) —> **Echinopsis pampana** by DR Hunt 1991,

(Lobivia) **shaferi** (Catamarca) 1922 (disc by JA Shafer 1916 & nah) —> **Echinopsis aurea** ssp **shaferi** by M Lowry 2005,

(Mila) **caespitosa** (Peru) 1922 (disc by JN Rose 1914),

(Monvillea) **diffusa** (Ecuador, Peru) 1920 (disc by JN Rose, A Pachano & G Rose 1918) —> **Praecereus euchlorus** ssp **diffuses** by NP Taylor 1997,

(Myrtillocactus) **eichlamii** (Guatemala) 1920 (disc by F Eichlam 1909 & nah)

(Neomammillaria) **albicans** (Santa Cruz & San Jose Islands off coast of Baja Calif) 1923 (disc by JN Rose 1911) —> **Mamm lbicans** by A Berger 1929,

(Neomammillaria) **cerralboa** (Baja Calif, Cerralbo Island) 1923 (disc by IM Johnston 1921) —> **Mamm cerralboa** by CR Orcutt 1926,

(Neomammillaria) **collinsii** (Oaxaca) 1923 (disc by GN Collins 1906 & nah) —> **Mamm karwinskiana** ssp **collinsii** by DR Hunt ° (Neomammillaria) **evermanniana** (Baja Calif & adjacent islands Cerralboa & Nolasco) 1923 (disc by IM Johnston 1921 & na B Evermann)

—> **Mamm evermanniana** by CR Orcutt 1926,
 (Neomammillaria) **fraileana** (Pichilique, Cerralboa, Santa Catalina Islands off Baja Calif) 1923 (disc by JN Rose 1911 & na M Fraile) —> **Mamm albicans** ssp **fraileana** by DR Hunt 1997,
 (Neomammillaria) **gaumeri** (Yucatan) 1923 (disc by GF Gaumer 1916 & nah) —> **Mamm heyderi** ssp **gaumeri** by DR Hunt 1997,
 (Neomammillaria) **jaliscana** (Jalisco) 1923 (disc by JN Rose & JH Painter 1903 —> **Mamm jaliscana** by F Boedeker 1933,
 (Neomammillaria) **johnstonii** (Sonora) 1923 (disc by IM Johnston 1921 & nah) —> **Mamm johnstonii** by CR Orcutt 1926,
 (Neomammillaria) **lanata** (Puebla, Oaxaca) 1923 (disc by CA Purpus 1907) —> **Mamm lanata** by CR Orcutt 1926,
 (Neomammillaria) **lloydii** (Zacatecas) 1923 (disc by FE Lloyd 1908 & nah) —> **Mamm lloydii** by CR Orcutt 1926,
 (Neomammillaria) **longiflora** (Durango) 1923 (disc by E Palmer 1897) —> **Mamm longiflora** by A Berger 1929,
 (Neomammillaria) **nelsonii** (Michoacan) 1923 (disc by EW Nelson 1903 & nah),
 (Neomammillaria) **nunezii** (Guerrero) 1923 (disc by C Nunez 1921 & nah) —> **Mamm nunezii** by CR Orcutt 1926,
 (Neomammillaria) **peninsularis** (Baja Calif) 1923 (disc by JN Rose 1911) —> **Mamm peninsularis** by CR Orcutt 1926,
 (Neomammillaria) **rekoi** (Oaxaca) 1923 (disc by BP Reko 1921 & nah) —> **Mamm rekoi** by FKJ Vaupel 1925,
 (Neomammillaria) **scrippsiana** (Jalisco) 1923 (disc by JN Rose & JH Painter 1903 & na EW Scripps) —> **Mamm scrippsiana** by CR Orcutt 1926,
 (Neomammillaria) **sheldonii** (Sonora) 1923 (disc by JN Rose, PC Standley & PG Russell 1910 & na C Sheldon) —> **Mamm grahamii** ssp **sheldonii** by DR Hunt 2005,
 (Neomammillaria) **standleyi** (Sonora) 1923 (disc by JN Rose, PG Russell & PC Standley 1910 & na PC Standley) —> **Mamm standleyi** by CR Orcutt 1926,
 (Neomammillaria) **yucatanensis** (Yucatan, Guatemala, Honduras, Jamaica) 1923 (disc by GF Gaumer 1921) —> **Mamm columbiana** ssp **yucatanensis** by DR Hunt 1997,
 (Nyctocereus) **guatemalensis** (Guatemala) 1913 (disc by WR Maxon 1905) —> **Peniocereus guatemalensis** by DR Hunt 2006
 (Nyctocereus) **oaxacensis** (Oaxaca) 1920 (disc by EW Nelson 1895) —> **Peniocereus oaxacensis** by DR Hunt 1991,
 (Opuntia) **alexanderi** (La Rioja, Salta) 1923 (disc by WB Alexander 1921 & nah) —> **Tephrocactus alexanderi** by C Backeberg 1953,
 (Opuntia) **boldinghii** (Netherlands Antilles, Trinidad, Tobago, Venezuela) 1919 (disc by NL Britton & JA Shafer 1913 & na I Boldingh),
 (Opuntia) **caribaea** (Netherland Antilles, Dominican Rep, Haiti, Trinidad, Tobago, Venezuela) 1919 (disc by JN Rose, WR Fitch & PG Russell 1913) —> **Cylindropuntia caribaea** by FM Knuth 1936
 (Opuntia) **chaffeyi** (Zacatecas) 1913 (disc by E Chaffey c1910 & nah),
 (Opuntia) **distans** (Catamarca) 1919 (disc by JA Shafer 1916),
 (Opuntia) **guatemalensis** (Guatemala) 1919 (disc by GB Wilcox 1909),
 (Opuntia) **palmadora** (Brazil) 1919 (disc by JN Rose & PG Russell 1915) —> **Tacinga palmadora** by WH Stuppy & NP Taylor 2002,
 (Opuntia) **pittieri** (Colombia) 1919 (disc by HF Pittier 1906 & nah),

(Opuntia) **shaferi** (Argentina) 1919 (disc by JA Shafer 1917 & nah) —> **Austrocylindropuntia shaferi** by C Backeberg 1951,
 (Opuntia) **soederstromiana** (Ecuador) 1919 (disc by JN Rose 1918 & na L Soderstrom),
 (Opuntia) **soehrensii** (Peru, Bolivia, Argentina, Chile) 1919 (disc by JN Rose 1914 & nah J Soehrens)
 —> **Tunilla soehrensii** by DR Hunt & J Iliff 2000,
 (Opuntia) **taylori** (Haiti) 1908 (disc by GV Nash & N Taylor 1905 & na N Taylor),
 (Opuntia) **wilcoxii** (Sinaloa, Sonora) 1919 (disc by GB Wilcox 1909 & nah),
 (Pachycereus) **gaumeri** (Yucatan) 1920 (disc by GF Gaumer 1894 & nah),
 (Peniocereus) **johnstonii** (Baja Calif) 1922 (disc by IM Johnston 1921 & nah),
 (Pereskia) **zehntneri** (Bahia, Minas Gerais) 1919 (disc by L Zehntner 1912 & nah) —> **Quiabentia zehntneri** by NL Britton & JN Rose 1923;
 (Pterocactus) **fischeri** (Argentina) 1919 (disc by W Fischer 1914 & nah)
 (Pterocactus) **hickenii** (Chubut, Santa Cruz) 1919 (disc by CM Hicken 1914 & nah),
 (Rhipsalis) **burchellii** (Sao Paulo) 1923 (disc by JN Rose 1915 & na WJ Burchell),
 (Rhipsalis) **cuneata** (Bolivia) 1923 (disc by RS Williams 1902),
 (Rhipsalis) **pittieri** (Venezuela) 1923 (disc by HF Pittier 1913 & nah) —> **Rhipsalis floccosa** ssp **pittieri** by WA Barthlott & NP Taylor 1995,
 (Rhipsalis) **russellii** (Brazil) 1923 (disc by JN Rose & PG Russell 1915 & na PG Russell),
 (Rhipsalis) **shaferi** (Paraguay, Argentina, Bolivia, Brazil) 1923 (disc by JA Shafer 1917 & nah)
 —> **Rhipsalis baccifera** ssp **shaferi** by WA Barthlott & NP Taylor 1995,
 (Selenicereus) **murrillii** (Colima) 1920 (disc by WA Murrill 1910 & nah),
 (Tacinga) **funalis** (Bahia, Pernambuco) 1919 (disc by L Zehntner ≈1915),
 (Thelocactus) **lloydii** (Zacatecas, San Luis Potosi) 1923 (disc by FE Lloyd 1908 & nah) —> **Thelocactus hexaedrophorus** ssp **lloydii** by NP Taylor 1998,
 (Trichocereus) **cuzcoensis** (Peru) 1920 (disc by JN Rose 1914) —> **Echinopsis cuzcoensis** by H von Friedrich & GD Rowley 1974,
 (Trichocereus) **pachanoi** (Ecuador, Peru) 1920 (disc by JN Rose, A Pachano & G Rose 1918 & na A Pachano) —> **Echinopsis pachanoi** by H von Friedrich & GD Rowley 1974,
 (Trichocereus) **peruvianus** (Peru) 1920 (disc by JN & LB Rose 1914) —> **Echinopsis peruviana** by H von Friedrich & GD Rowley 1974,
 (Wittia) **panamensis** (Panama, Colombia, Venezuela, Costa Rica) 1913 (disc by HF Pittier 1911)
 —> **Pseudorhipsalis amazonica** ssp **panamensis** by R Bauer 2003;
transfer species (w/o JN Rose):
 “Cereus eriophorus” (LKG Pfeiffer 1837) —> **Harrisia eriophora** 1909,
 “Cereus gracilis” (P Miller 1768) —> **Harrisia gracilis** 1908,
 “Cereus martinii” (J Labouret 1854) —> **Harrisia martinii** 1917,
 “Tillaea cymosa” (T Nuttall 1818) —> **Diamorpha cymosa** 1903;
transfer species [w JN Rose]:
 “Cactus alatus” (OP Swartz 1788) —> **Pseudorhipsalis alata** 1923,
 “Cactus grandiflorus” (C Linnaeus 1753) —> **Selenicereus grandiflorus** 1909,
 “Cactus lanatus” (CS Kunth 1823) —> **Espostoa lanata** 1920,
 “Cactus latispinus” (AH Haworth 1824) —> **Ferocactus latispinus** 1922,
 “Cactus monvillii” (AC Lemaire 1838) —> **Gymnocalycium monvillei** 1922.
 “Cactus triangularis” (C Linnaeus 1753) —> **Hylocereus triangularis** 1909,
 “Cereus adscendens” (RLA Gurke 1908) —> **Harrisia adscendens** 1920,
 “Cereus assurgens” (C Wright 1866) —> **Leptocereus assurgens** 1909,

"Cereus bertini" (F Herincq 1863) —> **Austrocactus bertinii** 1922,
 "Cereus brachypetalus" (FKJ Vaupel 1913) —> **Corryocactus brachypetalus** 1920,
 "Cereus bradtianus" (JM Coulter 1896) —> **Grusonia bradtiana** 1919,
 "Cereus brevistylus" (FKJ Vaupel 1913) —> **Corryocactus brevistylus** 1920,
 "Cereus calcaratus" (FAC Weber 1902) —> **Hylocereus calcaratus** by NL Britton & JN Rose 1909,
 "Cereus candelaris" (FJF Meyen 1833) to **Browningia candelaris** 1920,
 "Cereus cochal" (CR Orcutt 1889) to **Myrtillocactus cochal** 1909,
 "Cereus coryne" (Salm-Dyck 1850) —> **Stetsonia coryne** 1920,
 "Cereus emoryi" (GT Engelmann 1852) —> **Bergerocactus emoryi** 1909,
 "Cereus giganteus" (GT Engelmann 1852) —> **Carnegiea gigantea** 1908,
 "Cereus greggii" (GT Engelmann 1848) —> **Peniocereus greggii** by NL Britton & JN Rose 1909,
 "Cereus gummosus" (GT Engelmann 1889) —> **Machaerocereus gummosus** 1920,
 "Cereus hamatus" (LKG Pfeiffer 1837) —> **Selenicereus hamatus** 1909,
 "Cereus inermis" (LKG Pfeiffer 1837) —> **Selenicereus inermis** 1920,
 "Cereus iquiquensis" (KM Schumann 1904) —> **Eulychnia iquiquensis** 1920,
 "Cereus lepidanthus" (F Eichlam 1909) —> **Pachycereus lepidanthus** 1920,
 "Cereus marginatus" (AP de Candolle 1828) —> **Pachycereus marginatus** 1909,
 "Cereus monacanthus" (AC Lemaire 1845) —> **Hylocereus monacanthus** 1920;
 "Cereus nelsonii" (W Weingart 1923) —> **Selenicereus nelsonii** 1923,
 "Cereus nudiflorus" (C Wright 1869) —> **Dendrocereus nudiflorus** 1920,
 "Cereus ocamponis" (JMF Salm-Dyck 1850) —> **Hylocereus ocamponis** 1909,
 "Cereus pecten-aboriginum" (S Watson 1886) —> **Pachycereus pecten-aboriginum** 1909,
 "Cereus penicillatus" (RLA Gurke 1908) —> **Arrojadoa penicillata** 1920,
 "Cereus pomanensis" (FAC Weber 1897) —> **Harrisia pomanensis** 1920,
 "Cereus pringlei" (S Watson 1885) (disc by CG Pringle 1884 & nah) —> **Pachycereus pringlei** by 1909,
 "Cereus pteranthus" (AG Dietrich 1834) —> **Selenicereus pteranthus** 1909,
 "Cereus rhodanthus" (RLA Gurke 1908) —> **Arrojadoa rhodantha** 1920,
 "Cereus smaragdiflorus" (FAC Weber 1894) —> **Cleistocactus smaragdiflorus** 1920,
 "Cereus spinulosus" (AP de Candolle 1828) —> **Selenicereus spinulosus** 1909,
 "Cereus stenopterus" (R Roland-Gosselin 1902) —> **Hylocereus stenopterus** 1909,
 "Cereus tortuosus" (CF Otto & AG Dietrich 1838) —> **Harrisia tortuosa** 1920,
 "Cereus tunilla" (FAC Weber 1902) —> **Weberocereus tunilla** 1909,
 "Cereus undatus" (AH Haworth 1830) —> **Hylocereus undatus** 1918,
 "Cereus undulosus" (AP de Candolle 1828) —> **Dendrocereus unduosus** 1925,
 "Cereus weingartianus" (E Dams 1904) —> **Leptocereus weingartianus** 1920,
 "Cereus wittii" (KM Schumann 1900) —> **Strophocactus wittii** 1913,
 "Cotyledon caespitosa" (AH Haworth 1803) —> **Dudleya caespitosa** 1903,
 "Cotyledon linearis" (EL Greene 1889) —> **Dudleya linearis** 1903,
 "Cotyledon nubigena" (TS Brandeggee 1891) —> **Dudleya nubigena** 1903),
 "Cotyledon palmeri" (S Watson 1879) —> **Dudleya palmeri** 1903,
 "Cotyledon rubens" (TS Brandeggee 1889) —> **Dudleya rubens** 1903,
 "Cotyledon saxosa" (ME Jones 1898) —> **Dudleya saxosa** 1903,
 "Echeveria cymosa" (AC Lemaire 1858) —> **Dudleya cymosa** 1903,
 "Echeveria farinose" (J Lindley 1849) —> **Dudleya farinosa** 1903,
 "Echeveria lanceolata" (T Nuttall 1840) —> **Dudleya lanceolata** 1903,
 "Echeveria minutiflora" (JN Rose 1903) —> **Thompsonella minutiflora** 1909,
 "Echeveria pulverulenta" (T Nuttall 1840) —> **Dudleya pulverulenta** 1903,

"Echinocactus anisitsii" (KM Schumann 1900) —> **Gymnocalycium anisitsii** 1922,
 "Echinocactus bicolor" (LKG Pfeiffer 1848) —> **Thelocactus bicolor** by 1922,
 "Echinocactus buekii" (E Klein 1859) —> **Thelocactus buekii** 1923.
 "Echinocactus cataphractus" (E Dams 1904) —> **Frailea cataphracta** 1922,
 "Echinocactus chrysacanthus" (CR Orcutt 1899) —> **Ferocactus chrysacanthus** 1922,
 "Echinocactus cinerascens" (JMF Salm-Dyck 1845) —> **Copiapoa cinerascens** 1922,
 "Echinocactus cinereus" (RA Philippi 1860) —> **Copiapoa cinerea** 1922,
 "Echinocactus diquetii" (FAC Weber 1898) —> **Ferocactus diquetii** 1922,
 "Echinocactus echidne" (AP de Candolle 1834) —> **Ferocactus echidne** 1922,
 "Echinocactus echinoides" (JMF Salm-Dyck 1845) —> **Copiapoa echinoides** 1922,
 "Echinocactus fiebrigii" (RLA Gurke 1905) —> **Rebutia fiebrigii** 1916,
 "Echinocactus flavovirens" (MJF Scheidweiler 1841) —> **Ferocactus flavovirens** 1922,
 "Echinocactus fordii" (CR Orcutt 1900) —> **Ferocactus fordii** 1922,
 "Echinocactus glaucescens" (AP de Candolle 1829) —> **Ferocactus glaucescens** 1922,
 "Echinocactus gracillimus" (AC Lemaire 1839) —> **Frailea gracillima** 1922,
 "Echinocactus hamatocanthus" (PAF Muhlenpfordt 1846) —> **Ferocactus hamatacanthus** 1922,
 "Echinocactus hartmannii" (KM Schumann 1900) —> **Discocactus hartmannii** 1922,
 "Echinocactus haynii" (JMF Salm-Dyck 1850) —> **Matucana haynei** 1922.
 "Echinocactus hexaedrophorus" (AC Lemaire 1839) —> **Thelocactus hexaedrophorus** 1922,
 "Echinocactus leucacanthus" (LKG Pfeiffer 1837) —> **Thelocactus leucacanthus** 1923,
 "Echinocactus macrodiscus" (CFP von Martius 1832) —> **Ferocactus macrodiscus** 1922,
 "Echinocactus marginatus" (JMF Salm-Dyck 1845) —> **Copiapoa marginata** 1922,
 "Echinocactus mihanovichii" (AV Fric & RLA Gurke 1905) —> **Gymnocalycium mihanovichii** 1922,
 "Echinocactus monvillei" (AC Lemaire 1838) —> **Gymnocalycium monvillei** 1922,
 "Echinocactus mostii" (RLA Gurke 1906) —> **Gymnocalycium mostii** 1918,
 "Echinocactus ornatus" (AP de Candolle 1828) —> **Astrophytum ornatum** 1922,
 "Echinocactus peninsulae" (FAC Weber 1895) —> **Ferocactus peninsulae** 1922,
 "Echinocactus peruvianus" (KM Schumann 1903) —> **Oroya peruviana** 1922,
 "Echinocactus polyancistrus" (GT Engelmann & JM Bigelow 1856) —> **Sclerocactus polyancistrus** 1922,
 "Echinocactus poselgerianus" (AG Dietrich 1851) —> **Coryphantha poselgeriana** by 1922,
 "Echinocactus pumilus" (AC Lemaire 1838) —> **Frailea pumila** 1922,
 "Echinocactus pygmaeus" (CL Spegazzini 1905) —> **Frailea pygmaea** 1922,
 "Echinocactus rhodacanthus" (JMF Salm-Dyck 1834) —> **Denmoza rhodacantha** 1922,
 "Echinocactus rinconensis" (H Poselger 1855) —> **Thelocactus rinconensis** 1923,
 "Echinocactus robustus" (LKG Pfeiffer 1837) —> **Ferocactus robustus** 1922,
 "Echinocactus saglionis" (JF Cels 1847) —> **Gymnocalycium saglionis** 1922,
 "Echinocactus schickendatzii" (FAC Weber 1896) —> **Gymnocalycium schickendantzii** 1922,
 "Echinocactus schilinzkyanus" (KM Schumann 1897) —> **Frailea schilinzkyana** 1922,
 "Echinocactus simpsonii" (GT Engelmann 1863) —> **Pediocactus simpsonii** 1913,
 "Echinocactus steinmannii" (HMC Solms-Laubach 1907) —> **Rebutia steinmannii** 1922,
 "Echinocactus tulensis" (H Poselger 1853) —> **Thelocactus tulensis** 1923,
 "Echinocactus viridescens" (A Gray & J Torrey 1840) —> **Ferocactus viridescens** 1922,
 "Echinocactus whipplei" (GT Engelmann & JM Bigelow 1856) —> **Sclerocactus whipplei** 1922,
 "Echinocactus wislizeni" (GT Engelmann 1848) —> **Ferocactus wislizeni** 1922,
 "Echinopsis deminuta" (FAC Weber 1904) —> **Rebutia deminuta** 1923,
 "Echinopsis pygmaea" (RE Fries 1905) —> **Rebutia pygmaea** 1922,
 "Epiphyllum russellianum" (WJ Hooker 1839) —> **Schlumbergera russelliana** 1913,

"Mamm compacta" (GT Engelmann 1848) → **Coryphantha compacta** 1923,
 "Mamm conoidea" (AP de Candolle 1828) → **Neolloydia conoidea** 1922,
 "Mamm dasyacantha" (GT Engelmann 1856) → **Escobaria dasyacantha** 1923,
 "Mamm disciformis" (AP de Candolle 1828) → **Strombocactus disciformis** 1922,
 "Mamm durangensis" (KM Schumann 1898) → **Coryphantha durangensis** 1923,
 "Mamm echinoidea" (L Quehl 1913) → **Coryphantha echinoidea** 1923,
 "Mamm micromeris" (GT Engelmann 1856) → **Epithelantha micromeris** 1922,
 "Mamm octacantha" (AP de Candolle 1828) → **Coryphantha octacantha** 1923,
 "Mamm recurvata" (GT Engelmann 1863) → **Coryphantha recurvata** 1923,
 "Mamm robustispina" (GT Engelmann 1856) → **Coryphantha robustispina** 1923,
 "Mamm sulcata" (GT Engelmann 1845) → **Coryphantha sulcata** 1923,
 "Mamm tuberculosa" (GT Engelmann 1856) → **Escobaria tuberculosa** 1923,
 "Opuntia aquosa" (FAC Weber 1898) → **Pereskiaopsis aquosa** 1907,
 "Opuntia diguetii" (FAC Weber 1898) → **Pereskiaopsis diguetii** 1907,
 "Opuntia patagonica" (RA Philippi 1863) → **Maihuenia patagonica** 1919,
 "Opuntia porteri" (FAC Weber 1898) → **Pereskiaopsis porteri** 1907,
 "Pereskia rotundifolia" (AP de Candolle 1828) → **Pereskiaopsis rotundifolia** 1907,
 "Phyllocactus cartagensis" (FAC Weber 1902) → **Epiphyllum cartagense** 1913,
 "Phyllocactus eichlamii" (W Weingart 1911) → **Disocactus eichlamii** by 1913;
 "Phyllocactus grandilobus" (FAC Weber 1902) → **Epiphyllum grandilobum** 1913,
 "Phyllocactus lepidocarpus" (FAC Weber 1902) → **Epiphyllum lepidocarpum** 1913,
 "Opuntia tuberosa" (LGK Pfeiffer 1837) → **Pterocactus tuberosus** 1919,
 "Rhipsalis himantoclada" (R Roland-Gosselin 1909) → **Pseudorhipsalis himantoclada** 1923;
 "Rhipsalis salicornioides" (AH Haworth 1819) → **Hatiora salicornioides** 1915;

transfer variety [w JN Rose]:

"Cereus trigonus var costaricensis" (FAC Weber 1902) → **Hylocereus costaricensis** 1909,
 "Cereus trigonus var guatemalensis" (F Eichlam 1911) → **Hylocereus guatemalensis** 1920.

† **Broadway**, Walter Elias (3 May 1863–1 Jan 1935); {Broadw.}; Eng gardener at Kew 1884–88; to islands of Trinidad & Tobago in West Indies 1888; botanist & naturalist who collected in islands of Trinidad, Tobago & Grenada in West Indies & in French Guyana & Venezuela in S Amer 1888~; assistant superintendent at Royal Bot Garden in Trinidad 1888–1894; curator of botanic gardens in Grenada 1894–1904; one of founders of Trinidad & Tobago Field Naturalists Club c1890; spouse Ethel J [née Philip] Broadway (–1934);

disc species:

(Cactus) **broadwayi** (Lesser Antilles, Tobago Island) 1914 (desc & nah by NL Britton & JN Rose 1922) → **Melocactus broadwayi** by A Berger 1926.

† **Brocklebank**, (Mr) ?;

disc variety:

(Stapelia verrucosa var) **punctifera** (Cape) c1900 (desc by NE Brown 1909).

Brodie, Chris;

Book [2004] *CITES & Succulents: An Introduction to Succ Plants covered by the Convention on the International Trade in Endangered Species* [w

M Groves, M Mustard, HN McGough & M Sajeva] Kew; Eng; 49p.

† **Bromfield**, H;

disc species:

(Lithops) **bromfieldii** (Northern Cape) 1933 (desc & nah by HML Bolus 1934).



† **Brongniart**, Adolphe-Théodore de (14 Jan 1801–18 Feb 1876); {Brongn.}; French botanist; prof of botany at Muséum d'Histoire Naturelle, Paris, France 1833~; founder of modern paleobotany; worked on classification of fossil plants in relation to extinct & existing plants; pioneer in study of plant morphology & physiology; author of a first account of pollen;

desc species:

(Columnea) **crassifolia** (Mex, Guatemala) 1844.

Bronsart, (Dr) Huberta von;

Book [1951] *Kakteen* Bern, Switzerland; Ger; 64pw 72 color illustrations by Walter Söllner.



† **Brooke**, Winifred Mary Adelaide (16 Feb 1893–4 Nov 1975); British artist, botanist & naturalist; collected in Bolivia, Chile, Canary Islands, RSA, Lesotho & Malaysia 1934–54; FLS 1946;

species nah:

(Cleistocactus) **brookeae** (Bolivia) (desc & nah by M Cardenas 1952 & disc by A Corro 1949).

Brooklyn Bot Garden;

Book [1963] *Handbook on Succ Plants* NYC; Eng; 69p.



† **Broom**, (Prof) (Dr med) Robert (30 Nov 1866–6 Apr 1951); Scotland to RSA 1896; physician, zoologist, anthropologist & paleontologist; MD 1895 & DSc 1905 at Univ of Glasgow; prof of zoology & geology at Victoria College, Stellenbosch, RSA 1903–10; curator of paleontology at Transvaal Museum, Pretoria, RSA 1934~; honorary DSc at Stellenbosch Univ; interested in succ; spouse Mary Baird [née Baillie] Broom;

species nah:

(Rhinephyllum) **broomii** (Cape) (desc & nah by HML Bolus 1936);

disc species:

(Aloe) **broomii** (Cape, Free State, Lesotho) 1905 (desc & nah by S Schonland 1907),

(Aloinopsis) **broomii** (Transvaal) 1934 (desc & nah by HML Bolus 1935) —> **Nananthus broomii** by HML Bolus 1938,

(Crassula) **broomii** (Northern Cape) (desc & nah by S Schonland 1907) —> **Crassula barbata** ssp **broomii** by HR Tolken 1975.



Brotero, [né Silva,] (Dr) Felix d' Avelar [d'Avellar] (25 Nov 1744–4 Aug 1828); {Brot.}; Portuguese botanist; PhD at School of Medicine of Reims (near Paris) c1788; prof of botany & agriculture & dir of bot gardens at Univ of Coimbra, Portugal 1790~;

desc species:

(Sedum) **arenarium** (Spain, Portugal) 1805,

(Sedum) **pruinatum** (Spain, Portugal) 1805.

Brother Alain, (See Liogier, HA).



† **Broussonet**, [Broussonnet, Broussounet,] (Prof) (Dr med) Pierre Marie **Auguste**

(28 Feb 1761–17 Jan 1807); {Brouss.}; French physician, botanist, naturalist & zoologist; prof of botany at Montpellier medical school & dir of bot garden 1805~; collected in Morocco 1794–95 & 1797–99 & in Canary Islands 1799–1803;

species nah:

(Euphorbia) **broussonetii** (Canary Islands) (desc & nah by JHF Link 1828).



† **Brown**, (Dr) Addison (21 Feb 1830–9 Apr 1913); {A.Br.}; US lawyer, law judge & amateur botanist; Doctor of Laws at Harvard Law School 1902; lawyer 1855–81 & law judge 1881–1901 NY; one of founders of NY Bot Garden, NYC 1891 & pres; spouse Mary Chadwick [née Barret] Brown (1827–1887);

Book [1896–98] *An Illustrated Flora of Northern US, Canada, & the British Possessions* [w NL

Britton]

New York, NY; Eng; (in 3 Vols).

Brown, [née Powys] Anne E (1964–); Kenya natural history consultant; explorer & collector in Kenya w spouse, KDF Brown; parents

GL & PG Powys; see also AE Powys;

Book [1998] *Pinguone, Kenya (Succ & their Environment)* [w R Schulz] Teesdale, Australia; Eng; 160p.

species nah & KDF Brown:

(Aloe) **ketabrowniorum** (Kenya) (desc & na them by LE Newton 1994 & disc by them 1989);

disc species:

(Euphorbia) **forolensis** [w KDF Brown] (Kenya) 1984 (desc by LE Newton 1995).

Brown, Barbara; son KDF Brown;

disc species:

(Aloe) **jibisana** (Kenya) 1996 (desc by LE Newton 2006).

Brown, (Dr med) Herbert Maughan — see **Maughan-Brown**, H.

Brown, [née Powys] Anne E (1964–); Kenya natural history consultant; explorer & collector in Kenya w spouse, KDF Brown; parents JGL & PG Powys; see also AE Powys;

Book [1998] *Pinguone, Kenya (Succ & their Environment)* [w R Schulz] Teesdale, Australia; Eng; 160p.

species nah & KDF Brown:

(Aloe) **ketabrowniorum** (Kenya) (desc & na them by LE Newton 1994 & disc by them 1989);

disc species:

(Euphorbia) **forolensis** [w KDF Brown] (Kenya) 1984 (desc by LE Newton 1995)



† **Brown**, John Robert (14 Aug 1885–21 Sep 1977); {J.R.Br.}; US prolific writer in Pasadena, Calif; Haworthia specialist; IOS member 1955; CSSA Fellow award 1941;

Book [1939] *Succulents for the Amateur* [w AC White, BL Sloan & GW Reynolds & edited by SE Haselton] Pasadena, Calif; Eng; 172p,

[1954] *Unusual Plants* Pasadena; Eng; 230p w 110 photos of succ),

[1957] *A Brief Review of the genus Haworthia*,

[1999] *Notes on Haworthia* [compilation of JR Brown articles on Haworthias from 1934–1974, by Stephen Holloway up to 1998 & edited by I Breuer]; Eng; 220p.

Brown, Kenneth David Fraser (1957–); Kenya artist; explored & collected in Kenya w spouse

AE Brown; mother B Brown;

species nah & AE Brown:

(Aloe) **ketabrowniorum** (Kenya) (desc & nah them by LE Newton 1994 & disc by them 1989);

(Euphorbia) **forolensis** [w AE Brown] (Kenya) 1984 (desc by LE Newton 1995).



† **Brown**, (Dr hc) Nicholas Edward (11 Jul 1849–25 Nov 1934); {N.E.Br.}; British herbarium botanist, taxonomist, artist, systematist & geographer; curator of WW Saunder's private museum of natural history at Reigate, Eng 1867–73; chief assistant in Herbarium of Royal Botanic Gardens at Kew, Eng 1873~; wrote articles for *Gardeners Chronicle* 1876~; Capt Scott Memorial Medal award by S Africa Biological Soc 1921; honorary doctorate from Univ of Witwatersrand, RSA 1932;

desc some 10,000 new species of plants w many drawings & paintings by him; specialized in African succ, especially Euphorbiaceae, Stapelieae & Mesemb; spouse was daughter (1847–) of T Cooper;

Book [1896–1933] *Flora Capensis* [w WT Thiselton-Dyer & staff at Kew, Eng after the deaths of WH Harvey & OW Sonder that had completed the first 3 volumes from 1860-1865]; Eng; in 4 Vols, 4-7;

[1896–1897] Vol 6; 563p;

[1897–1900] Vol 7; 791p;

[1904] Vol 4, Part 2; 479p;

[1909] Vol 4, Part 1; 1,168p;

[1912] Vol 5, Part 1; 747p;

[1913] Vol 5, Part 3; 332p;

[1925] Vol 5, Part 2; 606p;

[1933] Vol 5, Part 2: Supplement; 46p;

[1904] *Flora of Tropical Africa* Kent, Eng (on Stapelieae in Vol 4),

[1915] *Sansevieria — A Monograph of all the Known Species* Ger; Eng; 84p; (reprint of part 5 of a 1915 Kew bulletin),

[1920] *New & Old Species of Mesemb, with Critical Notes*; 87p (from *Journal of Linnean Soc*),

[1928] *Mesemb & Allied Genera* (from *The Journal of Linnean Soc*),

[1931] *Mesembryanthema* [w EJ Labarre (editor), MC Karsten & A Tischer] Kent, Eng; Eng/Dutch/Ger; 323p; (w 2 leaves of plates),

[1970] *N.E. Brown Stapelieae*; 31p; (extracted from *The Gardeners' Chronicle* 1875–1935, intro by GD Rowley);

genus nah:

Brownanthus (Angola, Namibia, RSA) (desc & nah by MHG Schwantes 1927);

desc genera:

Acrodon (Cape) 1927,

Aethephyllum (Cape) 1928,

Amoebophyllum (Namaq) 1926,

Antimima (Namibia, RSA) 1930,

Apatesia (Cape) 1927,

Aptenia (Cape, Transvaal) 1925,

Argyroderma (Western Cape) 1922,

Aridaria (Cape, Namibia) 1925,

Aspazoma (Namaq) 1925,

Bijlia (Western Cape) 1928 (nah DS van der Bijl),

Carpanthea (Western Cape) 1925,

Carpobrotus (Chile, RSA, s Australia) 1925,

Cephalophyllum (Northern Cape, Western Cape, Namibia) 1925,
Cerochlamys (Western Cape) 1928,
Cheiridopsis (Cape, Namibia) 1925,
Circandra (Western Cape) 1930,
Cleretum (Cape) 1925,
Conicosia (Cape) 1925
Conophytum (Cape, Namibia) 1922 (genus name proposed by AH Haworth 1821 but never technically desc by him),
Cryophytum (Cape) 1925,
Dactyloopsis (Cape) 1925,
Deilanthus (Cape) 1931,
Delosperma (Botswana, Eritrea, Ethiopia, Kenya, Lesotho, Mada, Mozambique, Reunion, Saudi Arabia) 1925,
Dicrocaulon (Namaq, Western Cape) 1928,
Didymaotus (Western Cape) 1925,
Diplocyatha (Cape) 1878,
Disphyma (Australia, New South Wales, Tasmania, New Zealand, Cape) 1925,
Ectotropis (Eastern Cape) 1927 (syn of Delosperma NE BROWN),
Edithcolea (Ethiopia, Socotra, Somalia, Uganda, Kenya, Tanzania) 1895 (disc by Edith Cole 1894 & nah),
Enarganthus (Little Namaq) 1930,
Erepsia (Western Cape, Eastern Cape) 1925,
Fenestraria (Namaq) 1925,
Frithia (North-West, Gauteng) 1925 (na F Frith),
Gibbaeum (Western Cape) 1921 (name proposed by AH Haworth in 1821 but never technically desc by him),
Glottiphyllum (Eastern Cape, Western Cape) 1921,
Huerniopsis (Northern Cape, North-West, Botswana, Namibia) 1878,
Hymenogyne (Cape) 1925,
Imitaria (Cape) 1931,
Khadia (North-West, Mpumalanga, Natal, Gauteng, Limpopo) 1930,
Lampranthus (Namaq, Western Cape, Eastern Cape, Natal) 1930,
Lapidaria (Namaq) 1928,
Lithops (Namibia, RSA, Botswana) 1922,
Maughania 1931 (disc by H Maughan Brown & nah) (syn of Diplosoma SCHWANTES),
Malephora (Namibia, Cape, Free State) 1927,
Micholitzia (China, India, Myanmar, Thailand) 1909 (na W Micholitz),
Mossia (Free State, Mpumalanga, Gauteng, Limpopo, Eastern Cape, Lesotho) 1930 (na CE Moss),
Muiria (Cape) 1927 (na J Muir),
Nananthus (Botswana, Namibia, Northern Cape, North-West, Free State) 1925,
Octopoma (Western Cape, Little Namaq) 1930,
Odontophorus (Little Namaq) 1927,
Oophytum (Western Cape) 1925,
Pherolobus (Cape) 1928 (syn of Dorotheanthus SCHWANTES),
Phyllobolus (Cape, Free State) 1925,
Pleiospilos (Cape) 1925,
Polymita (Little Namaq) 1930,

Prenia (Cape, Great Namaq) 1925,
Prepodesma (Northern Cape) 1930,
Psilocaulon (Angola, Namibia, Cape, Free State, Australia) 1925,
Quaqua (Namibia, Northern Cape, Western Cape) 1879,
Rabiea (Eastern Cape, Lesotho, Free State) (na WA Rabie) 1930,
Rhinephyllum (Cape, Free State) 1927,
Saphesia (Western Cape) 1932,
Sarcocodon (eastern Africa) 1878 (syn of *Caralluma* R BROWN),
Sceletium (Cape) 1925,
Semnanthe (Cape) 1927,
Smicrostigma (Western Cape) 1930,
Sterropetalum 1928 (syn of *Nelia* SCHWANTES),
Stomatostemma (se Africa) 1902,
Synaptophyllum (Great Namaq) 1925,
Thorncroftia (Mpumalanga, Limpopo) 1912 (na G Thorncroft),
Trichocaulon (Cape, Namibia, Mada, French Somaliland) 1878,
Trichocyclus (Namaq) 1923,
Zeuktophyllum (Northern Cape) 1927;

species nah:

(Anacampseros) **nebrownii** (Western Cape) (desc & nah by JKL von Poellnitz 1933) —> **Anacampseros lanceolata** ssp **nebrownii** by M Gerbaulet 1992,
 (Caralluma) **nebrownii** (Namibia) (desc & nah by A Berger 1906 & disc by H Schinz 1885),
 (Cheiridopsis) **brownii** (Namaq) (desc & nah by M Schick & A Tischer 1928),
 (Gibbaeum) **nebrownii** (Western Cape) (desc & nah by A Tischer 1937),
 (Mesemb) **brownii** (RSA) (desc & nah by JD Hooker 1888) —> **Lampranthus brownii** by NE Brown 1930,
 (Raphionacme) **brownii** (Africa) (desc & nah by GF Scott-Elliot 1895),
 (Tenaris) **browniana** (Angola) (desc & nah by S Moore 1912) —> **Brachystelma brownianum** by U Meve 2001;

desc species:

(Aizoon) **burchellii** (Northern Cape) 1908 (na WJ Burchell),
 (Albuca) **nelsonii** (Eastern Cape, Natal) 1880 (na D Nelson),
 (Anacampseros) **rhodesica** (Transvaal) 1914,
 (Apatesia) **maughani** (Cape) 1932 (na R Maughan-Brown),
 (Apatesia) **pillansii** (Western Cape) 1927 (na NS Pillans),
 (Argeta) **petrensis** (Western Cape) 1927 —> **Gibbaeum petrense** by A Tischer 1937,
 (Argyroderma) **subalbum** (Cape) 1922,
 (Aridaria) **bijliae** (Cape) 1928 (na DS van der Bijl) —> **Sphalmanthus bijliae** by HML Bolus 1967,
 (Aridaria) **muirii** (Cape) 1928 (na J Muir),
 (Asclepias) **cognata** (Eastern Cape, Natal) 1908 —> **Aspidonepsis cognata** by A Nicholas & DJ Goyder 1992,
 (Asclepias) **flava** (Eastern Cape, Natal) 1908 —> **Aspidonepsis flava** by A Nicholas & DJ Goyder 1992,
 (Asclepias) **fornicata** (Zambia, Tanzania, Zimbabwe, Malawi) 1906 —> **Stathmostelma fornicatum** by AA Bullock 1953,
 (Asclepias) **propinqua** (Tanzania) 1895 —> **Stathmostelma propinquum** by FRR Schlechter 1913,
 (Asclepias) **reenensis** (Natal) 1908 —> **Aspidonepsis reenensis** by A Nicholas & DJ Goyder 1993,
 (Asclepias) **spectabilis** (Tanzania, Zimbabwe, Zambia, Zaire, Malawi) 1895 —> **Stathmostelma spectabile** by FRR Schlechter 1913,

(Bergeranthus) **glenensis** (Orange Free State, Gauteng, Northern Cape) 1931 —> **Hereroa glenensis** by HML Bolus 1950,

(Brachystelma) **buchananii** (Tanzania, Zimbabwe, Zambia, Congo, Malawi) 1895 (disc by J Buchanan 1892 & nah),

(Brachystelma) **campanulatum** (Eastern Cape) 1908 (disc by J Bowie 1823),

(Brachystelma) **comptum** (Eastern Cape) 1908,

(Brachystelma) **decipiens** (Eastern Cape, Swaziland) 1908,

(Brachystelma) **franksiae** (Natal) 1912 (disc by M Franks & nah),

(Brachystelma) **johnstonii** (Uganda, Kenya, Tanzania, Senegal, Mali) 1901 (disc by HH Johnston & nah),

(Brachystelma) **mafekingensis** (Namibia, n RSA) 1908 —> **Ceropegia mafekingensis** by RA Dyer 1977,

(Brachystelma) **thunbergii** (Eastern Cape, Western Cape) 1908 (disc by CP Thunberg c1773 & nah)

—> **Brachystelma praelongum** ssp **thunbergii** by C Boele 1989,

(Bulbine) **torta** (Western Cape) 1908,

(Caralluma) **acutiloba** (Namibia, Northern Cape, Western Cape) 1909 —> **Quaqua acutiloba** by PV Bruyns 1983,

(Caralluma) **arabica** (Yemen, Oman) 1895 (disc by L Hirsch 1893) —> **Desmidorchis arabicus** by U Meve & SL Liede 2002,

(Caralluma) **arenicola** (Western Cape) 1909 —> **Quaqua arenicola** by DCH Plowes 1994,

(Caralluma) **armata** (Northern Cape) 1890 —> **Quaqua armata** by PV Bruyns 1983,

(Caralluma) **burchardii** (Canary Islands) 1913 (disc by O Burchard 1912 & nah),

(Caralluma) **caudata** (Zimbabwe, Tanzania, Zambia, Malawi, Mozambique) 1903 (disc by KJ Cameron c1894) —> **Orbea caudata** by PV Bruyns 2001,

(Caralluma) **crassa** (Somalia) 1935 [pub posthumously] (disc by RE Drake-Brockman 1914)

—> **White-sloanea crassa** by E Chiovenda 1937,

(Caralluma) **dependens** (Western Cape) 1890 —> **Quaqua dependens** by DCH Plowes 1994,

(Caralluma) **edithae** (Ethiopia, Somalia) 1895 (disc by Edith Cole c1895 & nah),

(Caralluma) **flava** (Yemen, Oman) 1894 (disc by L Hirsch 1893),

(Caralluma) **inversa** (Western Cape) 1903 (disc by C Ayres c1902) —> **Quaqua inverse** by PV Bruyns 1983,

(Caralluma) **linearis** (Western Cape) 1890 (disc by TCJ Bain 1875) —> **Quaqua linearis** by PV Bruyns 1983,

(Caralluma) **longipes** (Northern Cape) 1909 (disc by HWR Marloth c1905) —> **Vadulia longipes** by DCH Plowes 2003,

(Caralluma) **lugardii** (Northern Cape, Namibia, Botswana, Zimbabwe) 1903 (disc by TJG Een 1879 & na EJ Lugard) —> **Orbea lugardii** by PV Bruyns 2001,

(Caralluma) **luntii** (Yemen) 1894 (disc by W Lunt 1894 & nah) —> **Orbea luntii** by PV Bruyns 2001,

(Caralluma) **lutea** (Namibia, Mozambique, Botswana, Zimbabwe, North-West, Northern Cape, Limpopo, Gauteng, Mpumalanga, Free State) 1891 (disc by J Sanderson ≈1854) —> **Orbeopsis lutea** by PV Bruyns 2001,

(Caralluma) **maculata** (Botswana, Zimbabwe, Limpopo) 1904 (disc by EJ Lugard 1896–97) —> **Orbea maculate** by LC Leach 1978,

(Caralluma) **pillansii** (Western Cape) 1909 (disc by NS Pillans) —> **Quaqua pillansii** by PV Bruyns 1983,

(Caralluma) **sacculata** (Ethiopia, Djibouti) 1909 (disc by RE Drake-Brockman 1908–09) —> **Orbea sacculata** by PV Bruyns 2001,

(Caralluma) **torta** (Yemen) 1901 (disc by JT Bent 1897) —> **Rhytidocaulon tortum** by MG Gilbert 1990,

(Caralluma) **tuberculata** (India, Afghanistan, Pakistan, Jordan, Saudi Arabia, Yemen) 1892 (disc by JET Aitchison c1865),

(Caralluma) **valida** (Namibia, Zambia, Zimbabwe, Botswana) 1895 (disc by E Holub 1886) —> **Orbea valida** by PV Bruyns 2001,

(Cerochlamys) **trigona** (Western Cape) 1928,

(Ceropegia) **debilis** (Zimbabwe, Malawi) 1895 (disc by J Buchanan) —> **Ceropegia linearis** ssp **debilis** by HFJ Huber 1957,

(Ceropegia) **distincta** (Tanzania, Kenya) 1895,

(Ceropegia) **floribunda** (Botswana, Namibia) 1903,

(Ceropegia) **johnsonii** (Ghana, Congo, Liberia, Zaire, Uganda) 1903 (na WH Johnson),

(Ceropegia) **lugardiae** (Angola, Namibia, Limpopo, Zimbabwe, Mozambique, Tanzania, Botswana, Kenya) 1901 (disc by CE & EJ Lugard 1897 & na CE Lugard),

(Ceropegia) **nigra** (Senegal, Equatorial Guinea, Nigeria, Ghana, Central African Rep, Cameroon, Sudan, Ethiopia) 1895,

(Ceropegia) **papillata** (Malawi, Tanzania, Zaire, Zambia) 1898,

(Ceropegia) **paricyma** (Tanzania, Zambia, Zimbabwe, Mozambique, Malawi, Namibia) 1898 (disc by FAA Simons 1876),

(Ceropegia) **rendallii** (Zimbabwe, Limpopo, Natal) 1894 (disc by P Rendall c1893),

(Ceropegia) **sobolifera** (Ethiopia, Kenya) 1895,

(Ceropegia) **tentaculata** (Angola, Namibia, Botswana, Zimbabwe, Limpopo) 1895 —> **Ceropegia multiflora** ssp **tentaculata** by HFJ Huber 1957,

(Ceropegia) **tenuis** (Eastern Cape) 1908 (disc by AM Pegler) —> **Ceropegia linearis** ssp **tenuis** by PV Bruyns 1985,

(Ceropegia) **volubilis** (Angola) 1895,

(Cheiridopsis) **marlothii** (Little Namaq) 1926 (na HWR Marloth),

(Cheiridopsis) **meyeri** (Little Namaq) 1926 (disc by LG Meyer & nah),

(Cheiridopsis) **pearsonii** (Little Namaq) 1926 (na HHW Pearson),

(Cheiridopsis) **peculiaris** (Namaq) 1926 (disc by LG Meyer),

(Conicosia) **bijliae** (Cape) 1931 (na DS van der Buij),

(Conicosia) **capensis** (RSA) 1928,

(Conicosia) **communis** (Cape) 1931,

(Conicosia) **muirii** (Cape) 1928 (na J Muir) —> **Conicosia pugioniformis** ssp **muirii** by H-D Ihlenfeldt & M Gerbaulet 1990,

(Conicosia) **pulliloba** (Cape) 1931,

(Conophytum) **batesii** 1925 (na JT Bates),

(Conophytum) **breve** (Richtersveld, Namaq) 1925,

(Conophytum) **comptonii** (Western Cape) 1927 (disc by RH Compton & nah),

(Conophytum) **decoratum** (Cape) 1933 (disc by H Maughan-Brown c1926) —> **Conophytum uviforme** ssp **decoratum** by SA Hammer 1993,

(Conophytum) **ectypum** (Namaq) 1925 (disc by LG Meyer c1925),

(Conophytum) **flavum** (Namaq) 1927,

(Conophytum) **hians** (Namaq) 1927 (disc by HWR Marloth),

(Conophytum) **inornatum** 1925,

(Conophytum) **kubusanum** (Namaq) 1927 (disc by HWR Marloth),

(Conophytum) **leipoldtii** (Western Cape) 1922 (disc by CFL Leipoldt 1919) —> **Conophytum minusculum** ssp **leipoldtii** by SA Hammer 1993,

(Conophytum) **longum** (Namaq) 1930 (disc by IB Pole-Evans c1924),

(Conophytum) **marlothii** (Namaq) 1927 (disc by HWR Marloth & nah) —> **Conophytum jucundum** ssp **marlothii** by SA Hammer 2001,

(Conophytum) **maughanii** (Bushmanland) 1930 (disc by H Maughan-Brown 1928 & nah),
 (Conophytum) **meyeri** (Cape) 1925 (disc by LG Meyer & nah),
 (Conophytum) **muirii** (Cape) 1927 (na J Muir),
 (Conophytum) **novicium** (Namaq) 1934 —> **Conophytum flavum** ssp **novicium** by SA Hammer 1993,
 (Conophytum) **obscurum** (Namaq) 1927,
 (Conophytum) **praesectum** (Cape) 1930 (disc by ER Fuller c1928),
 (Conophytum) **roodiae** (Little Namaq) 1926 (disc by PB Rood c1924 & nah).
 (Conophytum) **tantillum** (Namaq) 1926 (disc by LG Meyer c1924),
 (Conophytum) **wiggettiae** (Cape) 1926 (disc by I Wiggett c1924) —> **Conophytum truncatum** var **wiggettiae** by R Rawe 1982,
 (Cotyledon) **nana** (Northern Cape) 1901 —> **Adromischus nanus** by JKL von Poellnitz 1938,
 (Cotyledon) **paraguayensis** (Mex) 1914 —> **Graptopetalum paraguayense** by EE Walther 1938,
 (Crassula) **barklyi** (Northern Cape, Western Cape) 1906 (na H Barkly),
 (Crassula) **clavata** (Northern Cape, Western Cape) 1914,
 (Crassula) **congesta** (Western Cape) 1902,
 (Crassula) **erosula** (Namibia, Northern Cape, Western Cape) 1913 —> **Crassula subacaulis** ssp **erosula** by HR Tolken 1979,
 (Crassula) **sedifolia** (Namibia, Northern Cape) 1902 —> **Crassula exilis** ssp **sedifolia** by HR Tolken 1975,
 (Crassula) **umbraticola** (Free State, Natal) 1895,
 (Cynanchum) **cucullatum** (Mada) 1897,
 (Cynanchum) **lineare** (Mada) 1897,
 (Delosperma) **davyi** (Transvaal) 1926 (na J Burt-Davy),
 (Delosperma) **carolinense** (Transvaal) 1926,
 (Delosperma) **jansei** (Transvaal) 1926 (na AJT Janse),
 (Delosperma) **leendertziae** (Transvaal) 1926 (na R Leendertz Pott),
 (Dicrocaulon) **brevifolium** (Western Cape) 1928,
 (Dicrocaulon) **humile** (Western Cape) 1928,
 (Dicrocaulon) **spissum** (Namaq) 1928,
 (Dinteranthus) **puberulus** (Little Namaq) 1928,
 (Dorotheanthus) **muirii** (Cape) 1929 (na J Muir),
 (Dorotheanthus) **oculatus** (Cape) 1929,
 (Duvalia) **angustiloba** (Western Cape, Eastern Cape) 1883 (disc by (Mr) Dickson c1875),
 (Duvalia) **maculata** (Northern Cape, Eastern Cape, Namibia) 1908 (disc by NS Pillans),
 (Duvalia) **modesta** (Eastern Cape) 1908 (disc by NS Pillans),
 (Duvalia) **parviflora** (Western Cape, Eastern Cape) 1909 (disc by CE Pillans 1906),
 (Duvalia) **pillansii** (Eastern Cape) 1908 (disc by NS Pillans & nah),
 (Duvalia) **polita** (Botswana, Malawi, Mozambique, Namibia, Zambia, Zimbabwe, RSA) 1876 (disc by JT Baines c1870),
 (Duvalia) **pubescens** (Northern Cape, Western Cape, Namibia) 1908,
 (Duvalia) **sulcata** (Yemen, Sudan) 1910 (disc by JT Bent 1896–97),
 (Echidnopsis) **nubica** (Sudan, Ethiopia) 1895 (disc by GA Schweinfurth 1868),
 (Ectotropis) **alpina** (Eastern Cape) 1927 (disc by RA Dyer 1926) —> **Delosperma alpinum** by SA Hammer & AP Dold 2003,
 (Edithcolea) **grandis** (Ethiopia, Socotra, Kenya, Uganda, Tanzania) 1895 (disc by E Cole 1894),
 (Elaeophorbia) **acuta** (Swaziland) 1915,
 (Euphorbia) **aequoris** (Eastern Cape) 1915 (disc by H Bolus c1868),
 (Euphorbia) **albertensis** (Western Cape) 1915 (disc by HWR Marloth c1909),

(Euphorbia) **alternicolor** (Eastern Cape) 1915 —> **Euphorbia aggregata** var **alternicolor** by AC White, BL Sloane & RA Dyer 1941,
 (Euphorbia) **amarifontana** (Western Cape) 1915 (disc by CLP Zeyher c1840),
 (Euphorbia) **angrae** (Namibia) 1915 (disc by EE Galpin & HHW Pearson 1907),
 (Euphorbia) **arida** (Northern Cape, Free State) 1915 (disc by S Schonland 1911),
 (Euphorbia) **atrispina** (Western Cape) 1915 (disc by HHW Pearson c1910) —> **Euphorbia stellispina** var **atrispina** by AC White, BL Sloane & RA Dyer 1941,
 (Euphorbia) **baliola** (Namibia) 1915 (disc by HHW Pearson 1908–09),
 (Euphorbia) **bergeri** 1915 (na A Berger),
 (Euphorbia) **berotica** (Angola) 1912,
 (Euphorbia) **bilocularis** (eastern Africa) 1912 —> **Euphorbia candelabrum** var **bilocularis** by S Carter 1987,
 (Euphorbia) **bolusii** (Mpumalanga) 1915 (disc by H Bolus c1900 & nah),
 (Euphorbia) **brakdamensis** (Namaq) 1915 (disc by FRR Schlechter 1897),
 (Euphorbia) **braunsii** (Eastern Cape) 1915 (disc by JCE Brauns 1911 & nah),
 (Euphorbia) **brevirama** (Eastern Cape) 1915 (disc by S Schonland 1912),
 (Euphorbia) **brevis** (Angola) 1911,
 (Euphorbia) **cameronii** (Somalia) 1911 (na KJ Cameron),
 (Euphorbia) **caterviflora** (Western Cape, Eastern Cape, Free State) 1915 (disc by JF Drege c1830),
 (Euphorbia) **chersina** Northern Cape) 1915 (disc by EE Galpin & HHW Pearson c1909),
 (Euphorbia) **cibdela** (Namibia) 1915 (disc by HHW Pearson c1909),
 (Euphorbia) **clavigera** (Swaziland, Mozambique, Mpumalanga) 1915 (disc by J Burt Davy c1910),
 (Euphorbia) **consobrina** Arabian Peninsula, Sudan, Somalia, Ethiopia) 1911,
 (Euphorbia) **conspicua** (Angola) 1912,
 (Euphorbia) **corymbosa** (Eastern Cape) 1915 (disc by J Muir c1910),
 (Euphorbia) **darbandensis** (Central African Rep into Cameroon) 1913,
 (Euphorbia) **davyi** (North-West, Botswana) 1915 (disc by JWC Kirk c1900 & na J Burt Davy),
 (Euphorbia) **dawei** (Zaire, Uganda, Tanzania, Burundi, Rwanda) 1912 (na MT Dawe),
 (Euphorbia) **decepta** (Eastern Cape) 1915 (disc by JF Drege c1830),
 (Euphorbia) **enormis** (Limpopo) 1915 (disc by HWR Marloth 1912),
 (Euphorbia) **ernestii** (Eastern Cape) 1915 (disc by Ernest E Galpin & nah),
 (Euphorbia) **eustacei** (Western Cape) 1913 (disc by C Eustace Pillans 1910 & nah),
 (Euphorbia) **flanaganii** (Eastern Cape) 1915 (disc by HG Flanagan & nah),
 (Euphorbia) **franksiae** (Natal) 1915 (na M Franks 1910),
 (Euphorbia) **furcata** (Tanzania, Kenya) 1911 (disc by F Noltee),
 (Euphorbia) **gatbergensis** (Eastern Cape) 1915 (disc by R Baur c1883),
 (Euphorbia) **gentilis** (Northern Cape) 1915 (disc by CLP Zeyher c1840),
 (Euphorbia) **grandicornis** (Swaziland, Mozambique, Mpumalanga, Natal) 1897,
 (Euphorbia) **hedyotoides** (Mada) 1911,
 (Euphorbia) **hislopii** (Mada) 1913 (na A Hislop) —> **Euphorbia milii** var **hislopii** by E Ursch & JD Leandri 1955,
 (Euphorbia) **huttoniae** (Eastern Cape) 1915 (disc by L Hutton & nah) —> **Euphorbia inermis** var **huttoniae** by AC White, BL Sloane & RA Dyer 1941,
 (Euphorbia) **imitata** (Angola) 1911,
 (Euphorbia) **inaequispina** (Ethiopia into Somalia) 1911,
 (Euphorbia) **indecora** (Namibia, Northern Cape) 1915,

(Euphorbia) **inornata** (Northern Cape) 1915 (disc by ? Moran c1912),
 (Euphorbia) **johnsonii** (Mozambique) 1911 (disc by WH Johnson c1907 & nah) —> **Euphorbia knuthii**
 ssp **johnsonii** by LC Leach 1973,
 (Euphorbia) **kibwezensis** (Kenya, Tanzania) 1912 —> **Euphorbia bussei** var **kibwezensis** by S Carter
 1987,
 (Euphorbia) **leonensis** (Sierra Leone) 1911,
 (Euphorbia) **macella** (Western Cape) 1915 (disc by WJ Burchell c1812),
 (Euphorbia) **macowanii** (Western Cape) 1915 (disc by P MacOwan c1895 & nah) —> **Euphorbia**
tuberculata var **macowanii** by AC White,
 BL Sloane & RA Dyer 1941,
 (Euphorbia) **marlothiana** (Western Cape) 1915, (disc by HWR Marloth c1912 & nah),
 (Euphorbia) **mixta** (Western Cape) 1915 (disc by CLP Zeyher 1847),
 (Euphorbia) **muirii** (Western Cape) 1915 (disc by HHW Pearson & na J Muir),
 (Euphorbia) **multifida** 1915,
 (Euphorbia) **mundtii** (Western Cape) 1915 (disc by CP Thunberg c1774 & na JLL Mund),
 (Euphorbia) **negromontana** (Angola) 1911,
 (Euphorbia) **nigrispina** (Djibouti, Ethiopia, Somalia) 1912,
 (Euphorbia) **nubica** (Sudan, Eritrea, Ethiopia, Somalia, Uganda, Kenya) 1911,
 (Euphorbia) **perpera** (Namaq) 1915 (disc by JF Drege c1830),
 (Euphorbia) **phillipsiae** (Somalia) 1903 (disc by LJ Lort-Phillips 1895 & nah),
 (Euphorbia) **pillansii** (Western Cape) 1913 (disc by NS Pillans c1911 & nah),
 (Euphorbia) **pubiglans** (Eastern Cape) 1915 (disc by CLP Zeyher c1824),
 (Euphorbia) **ramiglans** (Namaq) 1915 (disc by H Bolus 1883),
 (Euphorbia) **rectirama** (Eastern Cape, Free State) 1915 (disc by WJ Burchell c1812),
 (Euphorbia) **restituta** (Western Cape) 1915 (disc by JF Drege c1830),
 (Euphorbia) **rudis** (Namibia) 1915 (disc by HHW Pearson 1908–09),
 (Euphorbia) **rudolfii** (Northern Cape) 1915 (disc by FR Rudolf Schlechter c1895 & nah),
 (Euphorbia) **sipolisii** (Minas Gerais) 1893 (disc by AFM Glaziou c1892 & na AMM Sipolis),
 (Euphorbia) **spartaria** (Great Namaq) 1911 (disc by FRR Schlechter c1895),
 (Euphorbia) **spinea** (Great Namaq) 915 (disc by HHW Pearson),
 (Euphorbia) **strangulata** (Angola) 1913,
 (Euphorbia) **tortistyla** (Zimbabwe) 1911 (disc by CFH Monro c1900),
 (Euphorbia) **truncata** (North-West, Natal, Gauteng, Mpumalanga) 1915 —> **Euphorbia clavarioides** var
truncata by AC White, BL Sloane &
 RA Dyer 1941,
 (Euphorbia) **tuberculatoides** (Western Cape) 1915 (disc by FET Bachmann),
 (Euphorbia) **tugelensis** (Natal) 1915 (disc by WT Gerrard c1865),
 (Euphorbia) **unispina** (western Africa) 1911,
 (Euphorbia) **ussanguensis** (Zambia, Tanzania, Malawi) 1912 (disc by W Goetze 1903) —> **Euphorbia**
cooperi var **ussanguensis** by LC Leach 1970,
 (Euphorbia) **valida** (Eastern Cape) 1915 (disc by IL Drege 1912) —> **Euphorbia meloformis** ssp **valida** by
 GD Rowley 1998,
 (Euphorbia) **verruculosa** (Great Namaq) 1915 (disc by HWR Marloth c1914),
 (Euphorbia) **wakefieldii** (Kenya) 1912 (na T Wakefield),
 (Euphorbia) **woodii** (Natal) 1915 (disc by T Cooper 1861 & na JM Wood),
 (Faucaria) **albidens** 1927,
 (Faucaria) **paucidens** (Cape) 1931,

(Fenestraria **aurantiaca** (Namaq) 1927 (disc by NS Pillans) —> **Fenestraria rhopalophylla** var **aurantiaca** by HEK Hartmann 1982,
 (Frithia) **pulchra** (Gauteng) 1926 (disc by E Dobie),
 (Gasteria) **thunbergii** (Western Cape) 1923 (na CP Thunberg) —> **Gasteria carinata** var **thunbergii** by
 EJ van Jaarsveld 1998,
 (Gibbaeum) **album** (Western Cape) 1926,
 (Gibbaeum) **dispar** (Western Cape) 1926,
 (Gibbaeum) **geminum** (Western Cape) 1922,
 (Gibbaeum) **marlothii** (Western Cape) 1928 (na HWR Marloth),
 (Gibbaeum) **molle** (Western Cape) 1926,
 (Gibbaeum) **muiri** (Western Cape) 1926 (na J Muir),
 (Gibbaeum) **shandii** (Western Cape) 1922 (na J Shand),
 (Glottiphyllum) **carnosum** (Western Cape) 1927,
 (Glottiphyllum) **neilii** (Western Cape) 1928 (na CB Neil),
 (Glottiphyllum) **regium** (Western Cape) 1928,
 (Glottiphyllum) **suave** (Western Cape) 1928,
 (Hoodia) **dregei** (Northern Cape, Western Cape) 1909 (disc by JF Drege c1830 & nah),
 (Hoodia) **lugardii** (Botswana, Zimbabwe, Limpopo) 1903 (disc by EJ Lugard 1896–97 & nah) —> **Hoodia**
currorii ssp **lugardii** by PV Bruyns 1993,
 (Hoodia) **parviflora** (Angola, Namibia) 1895 (disc by FMJ Welwitsch c1860),
 (Hoya) **fuscomarginata** 1910,
 (Huernia) **aspera** (Tanzania, Kenya, Malawi) 1887 (disc by J Kirk ≈1887),
 (Huernia) **brevirostris** (Eastern Cape) 1877 (disc by H Bolus c1874),
 (Huernia) **concinna** (Somalia) 1903 (disc by GA Schweinfurth 1892),
 (Huernia) **kirkii** (Zimbabwe, Mozambique, Limpopo, Natal, Mpumalanga) 1909 (disc by JWC Kirk &
 nah),
 (Huernia) **longituba** (Botswana, Limpopo, North-West, Free State, Northern Cape) 1909 (disc by
 CE Pillans 1906),
 (Huernia) **piersii** (Eastern Cape) 1909 (disc by CP Piers 1906 & nah),
 (Huernia) **pillansii** (Western Cape, Eastern Cape) 1904 (disc by NS Pillans & HWR Marloth 1904 & na
 NS Pillans),
 (Huernia) **praestans** (Western Cape) 1909 (disc by NS Pillans),
 (Huernia) **primulina** (Eastern Cape) 1890 (disc by JH Bowker ≈1878) —> **Huernia thuretii** var **primulina**
 by LC Leach 1988,
 (Huernia) **similis** (Angola) 1895 (disc by FMJ Welwitsch c1855),
 (Huernia) **somalica** (Somalia, Ethiopia) 1898 (disc by LJ Lort-Phillips c1896),
 (Huernia) **zebrina** (Zimbabwe, Mozambique, Mpumalanga, Natal, Swaziland) 1909,
 (Huerniopsis) **atrosanguinea** (Bechuanaland Protectorate, Transvaal) 1937 (disc by EJ Lugard 1896),
 (Huerniopsis) **decipiens** (Namibia, Botswana, Northern Cape) 1878 (disc by P MacOwan c1875),
 (Hymenogyne) **stephensiae** (Cape) 1928 (na EL Stephens),
 (Iboza) **barberae** (Eastern Cape) 1910 (na ME Barber) —> **Tetradenia barberae** by LEW Codd 1983,
 (Iboza) **brevispicata** (Eastern Cape) 1910 —> **Tetradenia brevispicata** by LEW Codd 1983,
 (Ipomoea) **woodii** (Mozambique, Natal) 1894 (na JM Wood) —> **Stictocardia woodii** by JG Hallier 1898,
 (Kalanchoe) **dyeri** (Malawi) 1904 (na WT Thiselton-Dyer),
 (Kalanchoe) **latisepala** (Malawi, Mozambique) 1908,
 (Kalanchoe) **sexangularis** (RSA, Zimbabwe, Mozambique) 1913,
 (Lampranthus) **altistylus** (Western Cape) 1930,

(Lampranthus) **dilutus** (Western Cape) 1930,
 (Lampranthus) **disgregus** (Eastern Cape) 1930,
 (Lampranthus) **erratus** (RSA) 1930,
 (Lampranthus) **marcidulus** (Western Cape) 1930,
 (Lampranthus) **maturus** (Western Cape) 1930,
 (Lampranthus) **parcus** (Western Cape) 1930,
 (Lampranthus) **plautus** (Northern Cape) 1930,
 (Lithops) **bella** (Namibia) 1922 (disc by EC Phillips c1920) —> **Lithops karasmontana** ssp **bella** by
 DT Cole 1988,
 (Lithops) **fulleri** (Cape) 1927 (disc by ER Fuller c1926 & nah) —> **Lithops julii** ssp **fulleri** by B Fearn 1976,
 (Maughania) **insignis** (Cape) 1931 —> **Diplosoma insignis** by GD Rowley 1978,
 (Mesemb) **acutipetalum** (Gauteng, North-West) 1908 —> **Khadia acutipetala** by NE Brown 1931,
 (Mesemb) **barklyi** (Namaq) 1889 (na H Barkly),
 (Mesemb) **biforme** (Cape) 1929 —> **Antimima biformis** by HEK Hartmann 1998,
 (Mesemb) **binum** (Western Cape) 1920 —> **Braunsia bina** by MHG Schwantes 1928,
 (Mesemb) **brevicolle** (Cape) 1929 —> **Antimima brevicollis** by HEK Hartmann 1998,
 (Mesemb) **cibdelum** 1920 —> **Nananthus cibdelus** by MHG Schwantes 1928,
 (Mesemb) **clivorum** (Little Namaq) 1920 —> **Mitrophyllum clivorum** by MHG Schwantes 1926,
 (Mesemb) **condensum** (Cape) 1929 —> **Antimima condensata** by HEK Hartmann 1998,
 (Mesemb) **coriarium** (Namibia, Cape, Free State) 1920 —> **Psilocaulon coriarium** by NE Brown 1928,
 (Mesemb) **dealbatum** (Namaq) 1911 —> **Dracophilus dealbatus** by MM Walgate 1939,
 (Mesemb) **decorum** (Western Cape) 1912 —> **Trichodiadema decorum** by HJH Jacobsen 1939,
 (Mesemb) **dekenahi** (Cape) 1929 (na I Dekenah) —> **Antimima dekenahi** by HEK Hartmann 1998,
 (Mesemb) **dissitum** (Little Namaq) 1920 —> **Mitrophyllum dissitum** by MHG Schwantes 1926,
 (Mesemb) **duale** (Cape) 1920 —> **Antimima dualis** by NE Brown 1930,
 (Mesemb) **elishae** (Cape) 1916 (na G Elisha) —> **Conophytum bilobum** var **elishae** by SA Hammer
 2001,
 (Mesemb) **evolutum** (Namaq) 1913 —> **Antimima evoluta** by HEK Hartmann 1998,
 (Mesemb) **expersum** —> **Delosperma expersum** by HML Bolus 1950,
 (Mesemb) **expersum** (Northern Cape) 1922 —> **Drosanthemum expersum** by MHG Schwantes 1927,
 (Mesemb) **festivum** (Western Cape) 1920 —> **Ruschia festiva** by MHG Schwantes 1927,
 (Mesemb) **fraternum** (Namaq) 1913 (disc by HHW Pearson 1910) —> **Conophytum fraternum** by
 NE Brown 1922,
 (Mesemb) **fulviceps** (Namibia, Northern Cape) 1914 (disc by HHW Pearson 1912) —> **Lithops fulviceps**
 by NE Brown 1922,
 (Mesemb) **globosum** (Namaq) 1913 (disc by HHW Pearson) —> **Conophytum globosum** by NE Brown
 1922,
 (Mesemb) **granulatum** (RSA) 1920 —> **Hereroa granulata** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **gratum** (Little Namaq) 1920 —> **Conophytum gratum** by NE Brown 1922,
 (Mesemb) **heathii** (Western Cape) 1920 (na FHR Heath) —> **Gibbaeum heathii** by HML Bolus 1937,
 (Mesemb) **herbeum** (Transvaal) 1920 —> **Delosperma herbeum** by NE Brown 1926,
 (Mesemb) **hirtum** 1878 —> **Delosperma hirtum** by MHG Schwantes 1928,
 (Mesemb) **intricatum** (Cape, Free State) 1926 —> **Ruschia intricata** by HEK Hartmann & D Stuber 1993,
 (Mesemb) **ivori** (Cape) 1929 (na Ivor Dekenah) —> **Antimima ivori** by HEK Hartmann 1998,
 (Mesemb) **jucundum** (Namaq) 1920 (disc by HHW Pearson 1910) —> **Conophytum jucundum** by
 NE Brown 1922,

(Mesemb) **lesliei** (Botswana, Free State, Gauteng, Limpopo, North-West, Northern Cape) 1912 (disc by O Leslie 1908 & nah) —> **Lithops lesliei** by NE Brown 1922,

(Mesemb) **limbatum** (Western Cape) 1929 —> **Antimima limbata** by HEK Hartmann 19

(Mesemb) **lique** (Eastern Cape) 1920 —> **Drosanthemum lique** by MHG Schwantes 1927,

(Mesemb) **locale** (Northern Cape, Eastern Cape) 1920 (disc by ? Burke c1918) —> **Lithops localis** by MHG Schwantes 1938,

(Mesemb) **macellum** (Transvaal) 1921 —> **Delosperma macellum** by NE Brown 1926,

(Mesemb) **mahonii** (Zimbabwe) 1902 (na J Mahon) —> **Delosperma mahonii** by NE Brown 1926,

(Mesemb) **marlothii** (Cape) 1927 (na HWR Marloth) —> **Conophytum marlothii** by SA Hammer 1993,

(Mesemb) **marmoratum** (Little Namaq) 1920 (disc by NS Pillans 1918) —> **Lithops marmorata** by NE Brown 1922,

(Mesemb) **minusculum** (Cape) 1913 (disc by NS Pillans 1908) —> **Conophytum minusculum** by NE Brown 1922,

(Mesemb) **mirabile** (Western Cape) 1903 —> **Trichodiadema mirabile** by MHG Schwantes 1926,

(Mesemb) **napiforme** (Réunion) 1920 —> **Delosperma napiforme** by MHG Schwantes 1927,

(Mesemb) **oculatum** (Namaq) 1911 —> **Phyllobolus oculatus** by M Gerbaulet 1997,

(Mesemb) **orpenii** (Northern Cape) 1921 (disc by R Orpen c1918 & nah) —> **Prepodesma orpenii** by NE Brown 1931,

(Mesemb) **oviforme** (Western Cape) 1920 —> **Oophytum oviforme** by NE Brown 1926,

(Mesemb) **pageae** (Bushmanland, Cape, Namaq, Namibia) 1920 (na MM Page) —> **Conophytum pageae** by NE Brown 1922,

(Mesemb) **pearsonii** (Western Cape) 1912 (na HHW Pearson) —> **Argyroderma pearsonii** by MHG Schwantes 1929,

(Mesemb) **pilosulum** (Western Cap) 1920 —> **Gibbaeum pilosulum** by NE Brown 1926,

(Mesemb) **piluliforme** (Little Karoo) 1920 —> **Conophytum piluliforme** by NE Brown 1922,

(Mesemb) **pole-evansii** (Northern Cape) 1920 (na IB Pole-Evans) —> **Dinteranthus pole-evansii** by MHG Schwantes 1926,

(Mesemb) **praecultum** (Western Cape) 1922 —> **Drosanthemum praecultum** by MHG Schwantes 1927,

(Mesemb) **propinquum** (Cape) 1929 —> **Antimima propinqua** by HEK Hartmann 1998,

(Mesemb) **quaesitum** (Richtersveld, Namibia) 1920 (disc by HHW Pearson 1910) —> **Conophytum quaesitum** by NE Brown 1922,

(Mesemb) **roseatum** 1930 —> **Drosanthemum roseatum** by HML Bolus 1964,

(Mesemb) **roseolum** (Western Cape) 1929 —> **Antimima roseola** by HEK Hartmann 1998,

(Mesemb) **rubrolineata** (Cape) 1911 (disc by H Bolus 1868) —> **Aloinopsis rubrolineata** by MHG Schwantes 1926,

(Mesemb) **rurale** (North-West) 1926 —> **Ruschia ruralis** by MHG Schwantes 1938,

(Mesemb) **saxetanum** (Great Namaq) 1920 (disc by HWR Marloth c1910) —> **Conophytum saxetanum** by NE Brown 1922,

(Mesemb) **setuliferum** (Eastern Cape) 1876 —> **Trichodiadema setuliferum** by MHG Schwantes 1926,

(Mesemb) **sobrinum** (Western Cape) 1929 —> **Antimima sobrina** by HEK Hartmann 1998,

(Mesemb) **sororium** (Western Cape) 1920 —> **Pleiospilos compactus** ssp **sororius** by HEK Hartmann & SL Liede 1986,

(Mesemb) **subalbum** (Western Cape) 1920 —> **Argyroderma subalbum** by NE Brown 1922,

(Mesemb) **taylori** (Eastern Cape) 1915 (na E Taylor) —> **Corpuscularia taylori** by MHG Schwantes 1926,

(Mesemb) **turrigerum** (Cape) 1920 (disc by NS Pillans c1916) —> **Conophytum turrigerum** by NE Brown 1922,

(Mesemb) **viridicatum** (Little Karoo) 1920 —> **Conophytum truncatum** ssp **viridicatum** by SA Hammer 1993,

(Mesemb) **vittatum** (Northern Cape, North-West) 1876 (disc by H Hutton c1875) —> **Nananthus vittatus** by MHG Schwantes 1928,

(Micholitzia) **obcordata** (China, India, Myanmar, Thailand) 1909,

(Mitrophyllum) **grande** (Little Namaq) 1929,

(Monadenium) **chevalieri** (French Equatorial Africa) 1913 (disc by AJB Chevalier 1912 & nah),

(Monadenium) **crenatum** (Mozambique) 1911 (disc by FRR Schlechter 1898),

(Monadenium) **crispum** (Tanzania) 1913 (disc by RP Sacleux 1897),

(Monadenium) **ellenbeckii** (Ethiopia, Somalia, Kenya) 1911 (disc by H Ellenbeck 1901 & nah),

(Monadenium) **friesii** (Zambia) 1914 (disc by RE Fries 1911 & nah),

(Monadenium) **fwambense** (Zambia) 1911 (disc by A Carson 1893),

(Monadenium) **gossweileri** (Angola) 1911 (na J Gossweiler) —> **Euphorbia gossweileri** by LC Leach 1973,

(Monadenium) **invenustum** (Kenya) 1909 (disc by T Kassner 1902),

(Monadenium) **kaessneri** (Zaire) 1911 (disc by T Kassner 1908 & nah),

(Monadenium) **lugardiae** (Limpopo, Botswana, Zimbabwe) 1909 (disc by CE Lugard 1897 & na E Lugard),

(Monadenium) **parviflorum** (Malawi) 1911 (disc by A Whyte 1897),

(Mossia) **verdoorniae** (Orange Free State) 1934 (na IC Verdoorn) —> **Chasmatophyllum verdoorniae** by HML Bolus 1936,

(Muiria) **hortenseae** (Western Cape) 1927 (disc by J Muir & na Hortense Muir),

(Nananthus) **pole-evansii** (Eastern Cape, Free State) 1931 (disc by IB Pole-Evans 1918 & nah),

(Odontophorus) **marlothii** (Little Namaq) 1927 (na HWR Marloth),

(Pachypodium) **saundersii** (Zimbabwe to Natal) 1892 (disc by CJR Saunders & nah) —> **Pachypodium lealii** ssp **saundersii** by GD Rowley 1973,

(Pectinaria) **arcuata** (Eastern Cape) 1909 (disc by NS Pillans 1903) —> **Ophionella arcuata** by PV Bruyns 1981,

(Pectinaria) **asperiflora** (Western Cape) 1909 —> **Pectinaria articulate** ssp **asperiflora** by PV Bruyns 1981,

(Pectinaria) **pillansii** (Eastern Cape) 1909 (disc by NS Pillans & nah) —> **Neoplectinaria pillansii** by DCH Plowes 2003,

(Pectinaria) **saxatilis** (Eastern Cape, Western Cape) 1904 (disc by NS Pillans) —> **Neoplectinaria saxatilis** by DCH Plowes 2003,

(Pelargonium) **luteolum** (Cape) 1913,

(Perissolobus) **bijlii** (Eastern Cape) 1931 (na DS van der Bijl) —> **Machairophyllum bijlii** by HML Bolus 1938,

(Pherolobus) **maughanii** (Northern Cape) 1928 (na H Maughan-Brown) —> **Dorotheanthus maughanii** by H-D Ihlenfeldt & M Struck 1987,

(Piaranthus) **comptus** (Cape) 1890 (disc by J Burke & CLP Zeyher 1841),

(Piaranthus) **cornutus** (Little Namaq) 1908 —> **Piaranthus decorus** ssp **cornutus** by U Meve 1994,

(Piaranthus) **foetidus** (Cape) 1908 (disc by H Bolus ≈1878) —> **Piaranthus geminatus** var **foetidus** by U Meve 1994,

(Piaranthus) **parvulus** (Cape) 1909 (disc by NS Pillans),

(Piquetia) **pillansii** 1926 (na NS Pillans),

(Platykeleba) **insignis** (Mada) 1895 —> **Cynanchum insignis** by SL Liede & U Meve 2001,

(Plectranthus) **crassus** (Malawi) 1904,

(Plectranthus) **esculentus** (central Africa) 1894,
 (Portulaca) **kermesina** (Tropical Africa) 1909,
 (Portulaca) **sedifolia** (Venezuela, Margarita Island, Guayana, Amazonas B) 1901,
 (Portulaca) **somalica** (Somalia) 1886,
 (Prepodesma) **orpenii** 1931 (na R Orpen),
 (Prepodesma) **uncipetala** 1931 —> **Hereroa uncipectala** by HML Bolus 1938,
 (Psilocaulon) **densum** (Little Namaq) 1928,
 (Punctillaria) **dekenahi** (Cape) 1928 (na I Dekenah) —> **Pleiospilos dekenahi** by MHG Schwantes 1930,
 (Quaqua) **hottentotorum** (Little Namaq) 1879,
 (Rabiea) **lesliei** (Orange Free State) 1931 (na TN Leslie),
 (Raphionacme) **burkei** (Namibia, Botswana, n RSA) 1907 (disc by J Burke 1841 & nah),
 (Raphionacme) **grandiflora** (Malawi, Tanzania, Zambia, Zimbabwe, Mozambique) 1895,
 (Raphionacme) **longifolia** (Malawi, Mozambique, Zimbabwe, Zambia, Ivory Coast) 1895,
 (Raphionacme) **utilis** [w O Stapf] (Angola, Zimbabwe) 1908,
 (Rhinephyllum) **muirii** (Western Cape) 1927 (na J Muir),
 (Rhinephyllum) **pillansii** (Western Cape) 1927 (na NS Pillans),
 (Rimaria) **roodiae** (Northern Cape) 1926 (na PB Rood) —> **Vanheerdea roodiae** by HEK Hartmann 1992,
 (Sansevieria) **bagamoyensis** (Tanzania) 1913 (disc by CJ Sacleux),
 (Sansevieria) **burmanica** (Burma) 1915 (disc by H Clayton 1912),
 (Sansevieria) **caulenscens** (Kenya) 1915 (disc by H Powell 1906),
 (Sansevieria) **chinensis** (1915),
 (Sansevieria) **concinna** (RSA, Mozambique) 1915,
 (Sansevieria) **conspicua** (Kenya, Malawi, Tanzania) 1913 (disc by H Powell 1906),
 (Sansevieria) **dooneri** (Kenya) 1915 (disc by HB Dooner 1907 & nah),
 (Sansevieria) **gracilis** (Kenya, Tanzania) 1911 (disc by H Powell 1906),
 (Sansevieria) **parva** (Kenya, Uganda) 1915,
 (Sansevieria) **patens** (Kenya?) 1915,
 (Sansevieria) **pearsonii** (Angola, Botswana, Namibia, Zimbabwe, RSA) 1911 (disc by HHW Pearson & nah),
 (Sansevieria) **phillipsiae** (Ethiopia, Somalia) 1913 (disc by LJ Lort-Phillips c1900 & nah),
 (Sansevieria) **powellii** (Kenya) 1915 (disc by H Powell 1906 & nah),
 (Sansevieria) **raffillii** (Kenya) 1915 (disc by H Powell & na CP Raffill),
 (Sansevieria) **robusta** (Kenya) 1915,
 (Sansevieria) **rhodesiana** (Zambia, Zimbabwe) 1915,
 (Sansevieria) **rorida** (Somalia) 1915,
 (Sansevieria) **sordida** 1915,
 (Sansevieria) **subtilis** (Uganda) 1915 (disc by MT Dawe),
 (Sansevieria) **suffruticosa** (Kenya) 1915 (disc by WA Evans 1903),
 (Sansevieria) **varians** 1915,
 (Sarcocodon) **speciosa** (Somalia, Kenya, Tanzania, Uganda, Sudan, Ethiopia) 1878 (disc by J Kirk 1875)
 —> **Caralluma speciosa** by NE Brown 1892,
 (Sarcostemma) **pearsonii** (s Namibia, Northern Cape) 1913 (na HHW Pearson),
 (Schizoglossum) **anomalum** (Eastern Cape, Natal) 1907 —> **Miraglossum anomalum** by FK Kupicha 1984,
 (Schizoglossum) **connatum** (Sudan, Kenya, Uganda, Tanzania, Zambia, Zaire, Malawi) 1895
 —> **Aspidoglossum connatum** by AA Bullock 1952,

(Schizoglossum) **davyi** (Mpumalanga) 1907 (na J Burt Davy) —> **Miraglossum davyi** by FK Kupicha 1984,

(Schizoglossum) **dissimile** (Eastern Cape, Natal, Mpumalanga) 1907 —> **Aspidoglossum dissimile** by FK Kupicha 1984,

(Schizoglossum) **elingue** (Natal) 1895,

(Schizoglossum) **ingomense** (Natal) 1907,

(Schizoglossum) **masaicum** (Kenya, Uganda, Ethiopia, Zambia, Tanzania, Malawi, Namibia, Angola) 1895 —> **Aspidoglossum masaicum** by FJ Kupicha 1984,

(Schizoglossum) **quadridens** (Natal) 1895,

(Schizoglossum) **uncinatum** (Eastern Cape) 1907 —> **Aspidoglossum uncinatum** by FJ Kupicha 1984,

(Sedum) **formosanum** (Taiwan, Japan, n Philippines) 1885,

(Senecio) **sulcicalyx** (Northern Cape, Namibia) 1914,

(Sesamothamnus) **lugardii** (RSA, Zimbabwe, Botswana) 1906 (na EJ Lugard),

(Sphalmanthus) **herbertii** (Western Cape) 1934 (disc by HM Brown 1932 & nah) —> **Phyllobolus herbertii** by M Gerbaulet 1997,

(Sterculia) **rogersii** (Limpopo, Zimbabwe) 1921 (na FA Rogers),

(Stapelia) **arnotii** (Eastern Cape) 1890 (disc by D Arnot c1875 & nah),

(Stapelia) **atrosanguinea** (Botswana, Northern Cape, North-West) 1901 —> **Huerniopsis atrosanguinea** by AC White & BL Sloane 1937,

(Stapelia) **conformis** (Eastern Cape) 1909 (disc by T Cooper c1860) —> **Stapelia macowanii** var **conformis** by LC Leach 1985,

(Stapelia) **cooperi** (Northern Cape, Eastern Cape) 1909 (disc by T Cooper c1860 & nah) —> **Orbea cooperi** by LC Leach 1975,

(Stapelia) **dummeri** (Tanzania, Zaire, Uganda, Kenya) 1917 (disc by R Dummer 1915 & nah) —> **Orbea dummeri** by PV Bruyns 2001,

(Stapelia) **erectiflora** (Northern Cape, Western Cape) 1889 (disc by TC Bain c1875),

(Stapelia) **fucosa** (Eastern Cape) 1909 (disc by NS Pillans) —> **Orbea verrucosa** var **fucosa** by LC Leach 1978,

(Stapelia) **gigantea** (Tanzania, Zambia, Mozambique, Botswana, Zimbabwe, Malawi, Natal, Swaziland) 1877 (disc by RW Plant 1858),

(Stapelia) **glabricaulis** (Eastern Cape) 1890 (disc by ME Barber),

(Stapelia) **jucunda** (Northern Cape, Western Cape, Free State, Namibia) 1909 (disc by ME Barber & CE Pillans) —> **Tridentea jucunda** by LC Leach 1978,

(Stapelia) **kwebensis** (Mozambique, Zimbabwe, Botswana, Namibia, North-West, Limpopo) 1904 (disc by EJ Lugard 1897),

(Stapelia) **leendertziae** (Gauteng, Mpumalanga, Natal, Swaziland) 1910 (disc by R Leendertz Pott 1909 & nah),

(Stapelia) **longidens** (Mozambique) 1895 (disc by R Monteiro c1885) —> **Orbea longidens** by LC Leach 1975,

(Stapelia) **macowani** (Eastern Cape) 1890 (disc by P MacOwan c1875 & nah),

(Stapelia) **miscella** (Western Cape, Eastern Cape) 1909 (disc by NS Pillans) —> **Orbea miscella** by U Meve 2000,

(Stapelia) **namaquensis** (Little Namaq) 1882 —> **Orbea namaquensis** by LC Leach 1975,

(Stapelia) **olivacea** (Namibia, Cape) 1875,

(Stapelia) **parvipuncta** (Northern Cape, Western Cape) 1890 (disc by TC Bain c1875) —> **Tridentea parvipuncta** by LC Leach 1978,

(Stapelia) **pearsonii** (Namibia) 1913 (disc by HHW Pearson 1910 & nah),
 (Stapelia) **peglerae** (Eastern Cape) 1909 (disc by A Pegler c1900 & nah),
 (Stapelia) **pillansii** (Western Cape) 1904 (disc by NS Pillans c1903 & nah),
 (Stapelia) **semota** (Rwanda, Kenya, Tanzania) 1933 (disc by B Burt c1931) —> **Orbea semota** by
 LC Leach 1975,
 (Stapelia) **similis** (Namibia, Northern Cape) 1911 (disc by HHW Pearson 1910),
 (Stapelia) **surrecta** (Northern Cape, Western Cape) 1909 (disc by HWR Marloth c1905),
 (Stapelia) **tsomoensis** (Eastern Cape) 1882 (disc by JH Bowker),
 (Stapelia) **vaga** (Namibia, Angola) 1895 —> **Orbea lutea** ssp **vaga** by PV Bruyns 2001,
 (Stapelia) **virescens** (Northern Cape, Western Cape, Namibia) 1890 (disc by (Mr) Dickson c1875)
 —> **Tridentia virescens** by LC Leach 1978,
 (Stapelia) **woodii** (Natal) 1892 (disc by JM Wood c1890 & nah) —> **Orbea woodii** by LC Leach 1975,
 (Sterropetalum) **pillansii** (Little Namaq) 1928 (na NS Pillans) —> **Nelia pillansii** by MHG Schwantes
 1929,
 (Synadenium) **angolense** (Angola, Zambia) 1911,
 (Synadenium) **cameronii** (Malawi, Zimbabwe, Mozambique) 1901 (disc by KJ Cameron & nah),
 (Synadenium) **compactum** (Kenya) 1911, (Synadenium) **cymosum** (Uganda, Tanzania) 1911,
 (Synadenium) **kirkii** (Malawi) 1911 (na J Kirk),
 (Thorncroftia) **longiflora** (Mpumalanga) 1912,
 (Trichocaulon) **alstonii** (Northern Cape, s Namibia) 1906 (disc by EG Alston c1890 & nah) —> **Hoodia**
alstonii by DCH Plowes 1992,
 (Trichocaulon) **annulatum** (Eastern Cape) 1909 (disc by HE Lee 1908) —> **Hoodia pilifera** ssp **annulata**
 by PV Bruyns 1993,
 (Trichocaulon) **flavum** (Namibia, Northern Cape) 1878 (disc by TC Bain c1875) —> **Hoodia flava** by
 DCH Plowes 1992,
 (Trichocaulon) **marlothii** (Namibia, Northern Cape) 1909 (disc by MK Dinter 1897 & na HWR Marloth)
 —> **Larryleachia marlothii** by DCH Plowes 1996,
 (Trichocaulon) **officinale** (RSA, Namibia) 1895 —> **Hoodia officinalis** by DCH Plowes 1992,
 (Trichocaulon) **pictum** (sw Namibia to central Botswana) 1909 (disc by HWR Marloth c1908)
 —> **Larryleachia picta** by DCH Plowes 1996,
 (Trichocaulon) **pillansii** (Western Cape, Great Karoo) 1904 (disc by NS Pillans & nah) —> **Hoodia pilifera**
 ssp **pillansii** by PV Bruyns 1993,
 (Vitis) **humilis** (Northern Prov, Natal) 1887 —> **Cyphostemma humile** by H Wild & RB Drummond 1962,
 (Xysmalobium) **carsonii** (Angola, Zaire, Rwanda, Burundi, Zambia, Tanzania, Zimbabwe, Malawi,
 Mozambique) 1895 (na Mr Carson)
 —> **Glossostelma carsonii** by AA Bullock 1952,
 (Xysmalobium) **ceciliae** (Angola, Zambia, Zaire, Tanzania, Zimbabwe) 1902 (na AM Cecil)
 —> **Glossostelma ceciliae** by DJ Goyder 1995;
transfer species:
 “Anthericum lagopus” (CP Thunberg 1800) —> **Bulbine lagopus** 1931,
 “Aulostephanus natalense” (FRR Schlechter 1896) —> **Brachystelma natalense** 1908,
 “Boucerosia cicatricosa” (A Deflers 1889) —> **Caralluma cicatricosa** 1892,
 “Boucerosia diffusa” (R Wight 1850) —> **Caralluma diffusa** 1892,
 “Boucerosia munbyana” (J Decaisne 1847) —> **Caralluma munbyana** 1892,
 “Boucerosia pauciflora” (R Wight 1837) —> **Caralluma pauciflora** 1892,
 “Boucerosia penicillata” (A Deflers 1889) —> **Caralluma penicillata** 1892,
 “Boucerosia socotrana” (IB Balfour 1884) —> **Caralluma socotrana** by NE Brown 1892,

"Brachystelma comaru" (EHF Meyer 1837) → **Fockea comaru** 1908,
 "Brachystelmaria longifolia" (FRR Schlechter 1895) → **Brachystelma longifolium** 1908,
 "Brachystelmaria macropetala" (FRR Schlechter 1895) → **Brachystelma macropetalum** 1908,
 "Brachystelmaria ramosissima" (FRR Schlechter 1895) → **Brachystelma ramosissimum** 1908,
 "Caralluma affinis" (de Wildeman 1904) → **Caralluma europaea** var **affinis** 1910,
 "Chlorocyathus monteiroae" (D Oliver 1887) → **Raphionacme monteiroae** 1907,
 "Craterostemma schinzii" (KM Schumann 1893) → **Brachystelma schinzii** 1903,
 "Cryptolepis monteiroae" (D Oliver 1887) → **Stomatostemma monteiroae** 1902,
 "Decabelone barklyi" (WT Thiselton-Dyer 1875) → **Tavaresia barklyi** 1904,
 "Decaceras huttonii" (WH Harvey 1863) → **Brachystelma huttonii** 1908,
 "Desmidorchis acutangula" (J Decaisne 1838) → **Caralluma acutangula** 1892,
 "Desmidorchis retrospiciens" (CG Ehrenberg 1831) → **Caralluma retrospiciens** 1892,
 "Dichaelia elongate" (FRR Schlechter 1894) → **Brachystelma elongatum** 1908,
 "Dichaelia pygmaea" (FRR Schlechter 1908) → **Brachystelma pygmaeum** 1908,
 "Dichaelia villosa" (FRR Schlechter 1899) → **Brachystelma villosum** 1908,
 "Euphorbia albobillosa" (FA Pax 1904) → **Euphorbia gueinzii** var **albobillosa** 1915,
 "Euphorbia heterapodum" (FA Pax 1904) → **Monadenium heteropodum** 1911,
 "Euphorbia schubei" (FA Pax 1904) → **Monadenium schubei** 1911,
 "Flanaganiana orangeana" (FRR Schlechter 1894) → **Cynanchum orangeanum** 1908,
 "Hutchinia indica" (R Wight & GW Arnott 1834) → **Caralluma indica** 1892,
 "Lasiostelma nanum" (FRR Schlechter 1905) → **Brachystelma nanum** 1908,
 "Lasiostelma sandersonii" (D Oliver 1883) → **Brachystelma sandersonii** 1908,
 "Lortia erubescens" (AB Rendle 1898) → **Monadenium erubescens** 1911,
 "Mesemb abruptum" (A Berger 1922) → **Octopoma abruptum** 1930,
 "Mesemb acutifolium" (HML Bolus 1929) → **Lampranthus acutifolius** 1930,
 "Mesemb acutipealum" (NE Brown 1908) → **Khadia acutipetala** 1931,
 "Mesemb aduncum" (AH Haworth 1803) → **Lampranthus aduncus** 1930,
 "Mesemb aequilaterum" (AH Haworth 1795) → **Carpobrotus aequilaterus** 1928,
 "Mesemb albinotum" (AH Haworth 1826) → **Rabiea albinota** 1931,
 "Mesemb albipunctum" (AH Haworth 1826) → **Rabiea albipuncta** 1931,
 "Mesemb amoenum" (JMF Salm-Dyck 1828) → **Lampranthus amoenus** 1930,
 "Mesemb amplexans" (HML Bolus 1913) → **Aspazoma amplexans** 1926,
 "Mesemb angelicae" (MK Dinter & MHG Schwantes 1925) → **Conophytum angelicae** 1925,
 "Mesemb angulipes" (HML Bolus 1925) → **Gibbaeum angulipes** 1927,
 "Mesemb apetalum" (C von Linne *fil.* 1781) → **Dorotheanthus apetalus** 1928,
 "Mesemb articulatum" (CP Thunberg 1791) → **Psilocaulon articulatum** 1926,
 "Mesemb aurantiacum" (AH Haworth 1803) → **Fenestraria aurantiaca** 1926,
 "Mesemb aureum" (C Linnaeus 1759) → **Lampranthus aureus** 1930,
 "Mesemb bellidiflorum" (C Linnaeus 1753) → **Acrodon bellidiflorus** 1927,
 "Mesemb bellidiformis" (NL Burman 1768) → **Dorotheanthus bellidiformis** 1929,
 "Mesemb beswickii" (HML Bolus 1922) → **Khadia beswickii** 1931,
 "Mesemb bicolor" (C Linnaeus 1753) → **Lampranthus bicolor** 1930,
 "Mesemb bilobum" (HWR Marloth 1907) → **Conophytum bilobum** 1922,
 "Mesemb bolusii" (JD Hooker 1882) → **Pleiospilos bolusii** 1926,
 "Mesemb brachyandrum" (HML Bolus 1928) → **Lampranthus brachyandrus** 1930,
 "Mesemb brownii" (JD Hooker 1888) → **Lampranthus brownii** 1930,
 "Mesemb caducum" (W Aiton 1789) → **Psilocaulon caducum** 1928,

"Mesemb caespitosum" (HML Bolus 1920) → **Lampranthus caespitosus** 1930,
 "Mesemb calcaratum" (AH Wolley-Dod 1900) → **Lampranthus calcaratus** 1930,
 "Mesemb calculus" (A Berger 1908) → **Conophytum calculus** 1922,
 "Mesemb capillaceum" (HML Bolus 1928) → **Lampranthus capillaceus** 1930,
 "Mesemb caroli-schmidtii" (MK Dinter & A Berger 1914) → **Cheiridopsis caroli-schmidtii** 1926,
 "Mesemb chilense" (Jl Molina 1810) → **Carpobrotus chilensis** 1928.
 "Mesemb clavulatum" (A Berger 1922) → **Psilocaulon clavulatum** 1928,
 "Mesemb coccineum" (AH Haworth 1795) → **Lampranthus coccineus** 1930,
 "Mesemb conspicuum" (AH Haworth 1812) → **Lampranthus conspicuus** 1930,
 "Mesemb coralliflorum" (JMF Salm-Dyck 1842) → **Lampranthus coralliflorus** 1930,
 "Mesemb crateriforme" (HML Bolus 1923) → **Argyroderma crateriforme** 1926,
 "Mesemb cruciatum" (AH Haworth 1795) → **Glottiphyllum cruciatum** 1922,
 "Mesemb curvifolium" (AH Haworth 1803) → **Lampranthus curvifolius** 1930,
 "Mesemb cyathiforme" (HML Bolus 1924) → **Lampranthus cyathiformis** 1930,
 "Mesemb debile" (AH Haworth 1826) → **Lampranthus debilis** 1930,
 "Mesemb deflexum" (W Aiton 1789) → **Lampranthus deflexus** 1930,
 "Mesemb denticulatum" (AH Haworth 1795) → **Cheiridopsis denticulata** 1926,
 "Mesemb depressum" (AH Haworth 1803) → **Glottiphyllum depressum** 1921,
 "Mesemb difforme" (C Linnaeus 1753) → **Glottiphyllum difforme** 1922,
 "Mesemb diffusum" (HML Bolus 1928) → **Lampranthus diffusus** 1930,
 "Mesemb dimorphum" (D Oliver 1871) → **Psilocaulon dimorphum** 1928,
 "Mesemb diutinum" (HML Bolus 1923) → **Lampranthus diutinus** 1930,
 "Mesemb diversipapillosum" (A Berger 1922) → **Psilocaulon diversipapillosum** 1928,
 "Mesemb diversiphyllum" (AH Haworth 1794) → **Cephalophyllum diversiphyllum** 1929,
 "Mesemb dregeanum" (OW Sonder 1862) → **Lampranthus dregeanus** 1930,
 "Mesemb duale" (NE Brown 1920) → **Antimima dualis** 1930,
 "Mesemb dyckii" (A Berger 1922) → **Lampranthus dyckii** 1930,
 "Mesemb elongatum" (AH Haworth 1795) → **Conicosia elongata** 1928,
 "Mesemb emarginatoides" (AH Haworth 1803) → **Lampranthus emarginatoides** 1930,
 "Mesemb emarginatum" (C Linnaeus 1762) → **Lampranthus emarginatus** 1930,
 "Mesemb explanatum" (HML Bolus 1923) → **Lampranthus explanatus** 1930,
 "Mesemb falcatum" (C Linnaeus 1753) → **Lampranthus falcatus** 1930,
 "Mesemb falciforme" (AH Haworth 1812) → **Lampranthus falciformis** 1930,
 "Mesemb fibuliforme" (A Haworth 1803) → **Conophytum fibuliforme** 1922,
 "Mesemb ficiforme" (AH Haworth 1821) → **Conophytum ficiforme** 1922,
 "Mesemb filicaule" (AH Haworth 1803) → **Lampranthus filicaulis** 1930,
 "Mesemb filiforme" (CP Thunberg 1800) → **Galenia filiformis** 1922,
 "Mesemb flaccidum" (NJ von Jacquin) → **Saphesia flaccida** 1932,
 "Mesemb flexifolium" (AH Haworth 1819) → **Lampranthus flexifolius** 1930,
 "Mesemb flexile" (AH Haworth 1821) → **Lampranthus flexilis** 1930,
 "Mesemb formosum" (AH Haworth 1821) → **Lampranthus formosus** 1930,
 "Mesemb francisci" (MK Dinter & MHG Schwantes 1925) → **Lithops francisci** 1926,
 "Mesemb framesii" (HML Bolus 1928) → **Lampranthus framesii** 1930,
 "Mesemb fraternum" (NE Brown 1913) → **Conophytum fraternum** 1922,
 "Mesemb friedrichiae" (MK Dinter 1914) → **Conophytum friedrichiae** 1925,
 "Mesemb furvum" (HML Bolus 1928) → **Lampranthus furvus** 1930,
 "Mesemb gibbosum" (AH Haworth 1795) → **Gibbaeum gibbosum** 1922,

"Mesemb glaucoides" (AH Haworth 1795) → **Lampranthus glaucoides** 1930,
 "Mesemb glaucum" (C Linnaeus 1753) → **Lampranthus glaucus** 1930,
 "Mesemb globosum" (NE Brown 1913) → **Conophytum globosum** 1922,
 "Mesemb glomeratum" (C Linnaeus 1759) → **Lampranthus glomeratus** 1930,
 "Mesemb gracilipes" (HML Bolus 1929) → **Lampranthus gracilipes** 1930,
 "Mesemb grandiflorum" (AH Haworth 1826) → **Glottiphyllum grandiflorum** 1921,
 "Mesemb gratum" (NE Brown 1920) → **Conophytum gratum** 1922,
 "Mesemb halenbergense" (MK Dinter & MHG Schwantes 1925) → **Conophytum halenbergense** 1926,
 "Mesemb haworthii" (AH Haworth 1803) → **Lampranthus haworthii** 1930,
 "Mesemb helianthoides" (W Aiton 1789) → **Apatesia helianthoides** 1927,
 "Mesemb henricii" (HML Bolus 1924) → **Lampranthus henricii** 1930,
 "Mesemb herbeum" (NE Brown 1920) → **Delosperma herbeum** 1926,
 "Mesemb imbricans" (AH Haworth 1819) → **Lampranthus imbricans** 1930,
 "Mesemb immelmaniae" (HML Bolus 1928) → **Lampranthus immelmaniae** 1930,
 "Mesemb inaequale" (AH Haworth 1819) → **Lampranthus inaequalis** 1930,
 "Mesemb inclusum" (HML Bolus) → **Octopoma inclusum** 1930,
 "Mesemb intervallare" (HML Bolus 1927) → **Mossia intervallaris** 1930,
 "Mesemb julii" (MK Dinter & MHG Schwantes 1925) → **Lithops julii** 1926,
 "Mesemb juttiae" (MK Dinter & A Berger 1914) → **Synaptophyllum juttiae** 1928,
 "Mesemb karasmontanum" (MK Dinter & MHG Schwantes 1920) → **Lithops karasmontana** 1926,
 "Mesemb lapidiforme" (HWR Marloth 1914) → **Didymaotus lapidiformis** 1926,
 "Mesemb laxifolium" (HML Bolus 1927) → **Lampranthus laxifolius** 1930,
 "Mesemb leptaleon" (AH Haworth 1821) → **Lampranthus leptaleon** 1930,
 "Mesemb leptarthron" (A Berger 1922) → **Psilocaulon leptarthron** 1928,
 "Mesemb linguiforme" (C Linnaeus 1753) → **Glottiphyllum linguiforme** 1921,
 "Mesemb longistamineum" (HML Bolus 1928) → **Lampranthus longistamineus** 1930,
 "Mesemb longum" (AH Haworth 1795) → **Glottiphyllum longum** 1922,
 "Mesemb luteoviride" (AH Haworth 1812) → **Gibbaeum luteoviride** 1926,
 "Mesemb macellum" (NE Brown 1921) → **Delosperma macellum** 1926,
 "Mesemb macrocarpum" (A Berger 1922) → **Lampranthus macrocarpus** 1930,
 "Mesemb magnificum" (HML Bolus 1927) → **Lampranthus magnificus** 1930,
 "Mesemb mahonii" (NE Brown) → **Delosperma mahonii** 1926,
 "Mesemb margaretae" (MHG Schwantes 1920) → **Lapidaria margaretae** 1928,
 "Mesemb matutinum" (HML Bolus 1928) → **Lampranthus matutinus** 1930,
 "Mesemb melanospermum" (A Berger 1922) → **Psilocaulon melanospermum** 1928,
 "Mesemb mentiense" (A Berger 1922) → **Psilocaulon mentiense** 1928,
 "Mesemb microstigma" (HML Bolus 1929) → **Lampranthus microstigma** 1930,
 "Mesemb minimum" (AH Haworth 1795) → **Conophytum minimum** 1922,
 "Mesemb minusculum" (NE Brown 1913) → **Conophytum minusculum** 1922,
 "Mesemb minutum" (AH Haworth 1803) → **Conophytum minutum** 1922,
 "Mesemb molle" (W Aiton 1789) → **Malephora mollis** 1927,
 "Mesemb mucronulatum" (MK Dinter 1914) → **Psilocaulon mucronulatum** 1928,
 "Mesemb multiradiatum" (NJ von Jacquin 1800–09) → **Lampranthus multiradiatus** 1930,
 "Mesemb multiseriatum" (HML Bolus 1928) → **Lampranthus multiseriatus** 1930,
 "Mesemb mutans" (HML Bolus 1928) → **Lampranthus mutans** 1930,
 "Mesemb nodosum" (A Berger 1922) → **Dicrocaulon nodosum** 1928,
 "Mesemb obcordellum" (AH Haworth 1803) → **Conophytum obcordellum** 1922,

"Mesemb octojuge" (HML Bolus) → **Octopoma octojuge** 1930,
 "Mesemb octonarium" (HML Bolus 1927) → **Enarganthe octonaria** 1930,
 "Mesemb opticum" (HWR Marloth 1910) → **Lithops optica** 1922,
 "Mesemb oviforme" (NE Brown 1920) → **Oophytum oviforme** 1926,
 "Mesemb pageae" (NE Brown 1920) → **Conophytum pageae** 1922,
 "Mesemb pallens" (W Aiton 1789) → **Phyllobolus pallens** 1928,
 "Mesemb pauciflorum" (HML Bolus 1927) → **Lampranthus pauciflorus** 1930,
 "Mesemb paucifolium" (HML Bolus 1928) → **Lampranthus paucifolius** by 1930,
 "Mesemb peersii" (HML Bolus 1922) → **Lampranthus peersii** 1930,
 "Mesemb perviride" (AH Haworth 1795) → **Gibbaeum perviride** 1922,
 "Mesemb pilosulum" (NE Brown 1920) → **Gibbaeum pilosulum** 1926,
 "Mesemb piluliforme" (NE Brown 1920) → **Conophytum piluliforme** 1922,
 "Mesemb pinnatifidum" (C von Linne *fil.* 1781) → **Aethephyllum pinnatifidum** 1928,
 "Mesemb pocockiae" (HML Bolus 1927) → **Lampranthus pocockiae** 1930,
 "Mesemb polyanthon" (AH Haworth 1812) → **Lampranthus polyanthon** 1930,
 "Mesemb pomeridianum" (C Linnaeus 1762) → **Carpanthea pomeridiana** 1928,
 "Mesemb productum" (AH Haworth 1824) → **Lampranthus productus** 1930,
 "Mesemb promontorii" (HML Bolus 1925) → **Lampranthus promontorii** 1930,
 "Mesemb pseudotruncatellum" (A Berger 1908) → **Lithops pseudotruncatella** 1922,
 "Mesemb pubescens" (AH Haworth 1795) → **Gibbaeum pubescens** 1922,
 "Mesemb pugioniforme" (C Linnaeus) → **Conicosia pugioniformis** 1926,
 "Mesemb quaesitum" (NE Brown 1920) → **Conophytum quaesitum** 1922,
 "Mesemb reptans" (W Aiton 1789) → **Lampranthus reptans** 1930,
 "Mesemb rhopalophyllum" (FRR Schlechter & FLE Diels 1907) → **Fenestraria rhopalophylla** 1925,
 "Mesemb robustum" (AH Haworth 1803) → **Cheiridopsis robusta** 1926,
 "Mesemb rostratum" (C Linnaeus) → **Cheiridopsis rostrata** 1926,
 "Mesemb rupestre" (HML Bolus 1928) → **Lampranthus rupestris** 1930,
 "Mesemb ruschiorum" (MK Dinter & MHG Schwantes 1925) → **Lithops ruschiorum** 1926,
 "Mesemb rustii" (A Berger 1922) → **Lampranthus rustii** 1930,
 "Mesemb salmii" (AH Haworth 1819) → **Glottiphyllum salmii** 1922,
 "Mesemb saturatum" (HML Bolus 1923) → **Lampranthus saturatus** 1930,
 "Mesemb saxetanum" (NE Brown 1920) → **Conophytum saxetanum** 1922,
 "Mesemb scabrum" (C Linnaeus 1753) → **Lampranthus scaber** 1930,
 "Mesemb serratum" (C Linnaeus) → **Circandra serrata** 1930,
 "Mesemb sociorum" (HML Bolus 1922) → **Lampranthus sociorum** 1930,
 "Mesemb spectabile" (AH Haworth 1795) → **Lampranthus spectabilis** 1930,
 "Mesemb spiniforme" (AH Haworth 1795) → **Lampranthus spiniformis** 1930,
 "Mesemb stayneri" (HML Bolus 1925) → **Lampranthus stayneri** 1930,
 "Mesemb stenopetalum" (HML Bolus 1925) → **Lampranthus stenopetalus** 1930,
 "Mesemb stenum" (AH Haworth 1831) → **Lampranthus stenus** 1930,
 "Mesemb stipulaceum" (C Linnaeus 1753) → **Lampranthus stipulaceus** 1930,
 "Mesemb subnodosum" (A Berger 1922) → **Psilocaulon subnodosum** 1928,
 "Mesemb subulatoides" (AH Haworth) → **Cephalophyllum subulatoises** 1929,
 "Mesemb subulatum" (P Miller) → **Acrodon subulatus** 1928,
 "Mesemb suppositum" (HML Bolus) → **Zeuktophyllum suppositum** 1927,
 "Mesemb sutherlandii" (JD Hooker) → **Delosperma sutherlandii** 1926,
 "Mesemb swartbergense" (HML Bolus 1928) → **Lampranthus swartbergensis** 1930,

“Mesemb taylorianum” (MK Dinter & MHG Schwantes 1925) → **Conophytum taylorianum** 1926,
 “Mesemb tegens” (FJH von Mueller 1866) → **Lampranthus tegens** 1930,
 “Mesemb tenuifolium” (C Linnaeus 1753) → **Lampranthus tenuifolius** 1930,
 “Mesemb testiculare” (W Aiton 1789) → **Argyroderma testiculare** 1922,
 “Mesemb tortuosum” (C Linnaeus 1753) → **Sceletium tortuosum** 1926,
 “Mesemb truncatum” (CP Thunberg 1791) → **Conophytum truncatum** 1922,
 “Mesemb tulbaghense” (A Berger 1922) → **Lampranthus tulbaghensis** 1930,
 “Mesemb turbinatum” (NJ von Jacquin 1804) → **Lampranthus turbinatus** 1930,
 “Mesemb turbiniforme” (AH Haworth 1821) → **Lithops turbiniformis** 1920,
 “Mesemb turrigerum” (NE Brown 1920) → **Conophytum turrigerum** 1922,
 “Mesemb uvaeforme” (AH Haworth 1821) → **Conophytum uviforme** 1922,
 “Mesemb vallis-gratiae” (FRR Schlechter & A Berger 1922) → **Lampranthus vallis-gratiae** 1930,
 “Mesemb vanzijliae” (HML Bolus 1922) → **Lampranthus vanzijliae** 1930,
 “Mesemb variabile” (AH Haworth 1803) → **Lampranthus variabilis** 1930,
 “Mesemb verecundum” (HML Bolus 1928) → **Lampranthus verecundum** 1930,
 “Mesemb viride” (AH Haworth 1795) → **Smicrostigma viride** 1930,
 “Mesemb watermeyeri” (HML Bolus 1921) → **Lampranthus watermeyeri** 1930,
 “Mesemb wettsteinii” (A Berger 1908) → **Conophytum wettsteinii** 1926,
 “Mesemb woodburniae” (HML Bolus 1928) → **Lampranthus woodburniae** 1930,
 “Mesemb wordsworthiae” (HML Bolus 1922) → **Lampranthus wordsworthiae** 1930,
 “Mesemb zeyheri” (JMF Salm-Dyck) → **Lampranthus zeyheri** 1930,
 “Nananthus peersii” (HML Bolus 1927) → **Deilanthus peersii** 1931,
 “Sansevieria laurentii” (EAJ de Wildeman 1904) → **Sansevieria trifasciata** var **laurentii** 1915,
 “Sisyranthus schizoglossoides” (FRR Schlechter 1894) → **Brachystelma schizoglossoides** 1908,
 “Stapelia ango” (A Richard 1851) → **Caralluma ango** 1892,
 “Stapelia arida” (SF Masson 1796) → **Caralluma arida** 1892,
 “Stapelia articulata” (W Aiton 1789) → **Pectinaria articulata** 1819,
 “Stapelia comata” (NJ von Jacquin 1806–19) → **Stapelia hirsuta** var **comata** 1909,
 “Stapelia corderoyi” (JD Hooker 1874) → **Duvalia corderoyi** 1876,
 “Stapelia decora” (SF Masson 1797) → **Piarranthus decorus** 1878,
 “Stapelia depressa” (NJ von Jacquin 1806–19) → **Stapelia hirsuta** var **depressa** 1908,
 “Stapelia europaea” (G Gussone 1832) → **Caralluma europaea** 1892,
 “Stapelia geminata” (SF Masson 1797) → **Piarranthus geminatus** 1878,
 “Stapelia hircosa” (NJ von Jacquin 1806–19) → **Stapelia gemmiflora** var **hircosa** 1909,
 “Stapelia hystrix” (JD Hooker 1869) → **Huernia hystrix** 1876,
 “Stapelia lucida” (AP de Candolle 1813) → **Stapelia asterias** var **lucida** 1909,
 “Stapelia melanantha” (FRR Schlechter 1905) → **Caralluma melanantha** 1909,
 “Stapelia pilifera” (C Linnaeus 1781) → **Trichocaulon piliferum** 1878,
 “Stapelia pulchra” (AH Haworth 1812) → **Stapelia verrucosa** var **pulchra** 1909,
 “Stapelia quadrangula” (P Forsskal 1775) → **Caralluma quadrangula** 1892,
 “Stapelia roriflua” (NJ von Jacquin 1806–19) → **Stapelia verrucosa** var **roriflua** 1909,
 “Stapelia tubata” (NJ von Jacquin 1806–19) → **Huernia barbata** var **tubata** 1909,
 “Tapeinostelma caffrum” (FRR Schlechter 1893) → **Brachystelma caffrum** 1894,
 “Tridentea simsii” (AH Haworth 1812) → **Stapelia vetula** var **simsii** 1909,
 “Zacateia angolensis” (HE Baillon 1889) → **Raphionacme angolensis** 1895;

desc variety:

(*Caralluma hottentotorum* var) **major** (Cape, Little Namaq, Namibia) 1909 (disc by R Rich c1900),

(*Caralluma retrospiciens* var) **glabra** 1904 (disc by ? Thomas),
 (*Crassula curta* var) **rubra** (Lesotho, Natal, Eastern Cape) 1895 → **Crassula setulosa** var **rubra** by GD Rowley 1978,
 (*Duvalia elegans* var) **namaquana** (Cape) 1909,
 (*Duvalia elegans* var) **seminuda** (Cape) 1909 (disc by NS Pillans),
 (*Duvalia pillansii* var) **albanica** (Cape) 1909,
 (*Duvalia pubescens* var) **major** (Cape, Little Namaq) 1909,
 (*Duvalia radiata* var) **hirtella** (Cape) 1937,
 (*Duvalia radiata* var) **minor** (Cape) 1937,
 (*Duvalia radiata* var) **obscura** (Cape) 1937 (disc by P MacOwan),
 (*Duvalia reclinata* var) **angulata** (Cape) 1909 (disc by NS Pillans),
 (*Duvalia reclinata* var) **bifida** (Cape) 1909 (disc by NS Pillans),
 (*Euphorbia ledienii* var) **dregei** (Eastern Cape) 1915 (na IL Drege),
 (*Euphorbia mauritanica* var) **namaquensis** (Namibia, Namaq) 1915 (disc by WH Pearson & HWR Marloth),
 (*Euphorbia trichadenia* var) **gibbsiae** (Zimbabwe) 1911 (disc by LS Gibbs & nah),
 (*Huernia campanulata* var) **denticoronata** (Cape) 1909,
 (*Huernia barbata* var) **griquensis** (Cape) 1909 (disc by (Mr) Tuck c1875),
 (*Huernia brevirostris* var) **intermedia** (Eastern Cape) 1909 (disc by NS Pillans) → **Huernia brevirostris** ssp **intermedia** by LC Leach 1988,
 (*Huernia clavigera* var) **maritima** (Cape) 1909 (disc by CE Pillans 1907),
 (*Huernia primulina* var) **rugosa** (Cape) 1909,
 (*Macropetalum burchellii* var) **grandiflorum** (Botswana, Free State, Gauteng, North-West) 1908
 → **Brachystelma burchellii** var **grandiflorum** by U Meve 2001,
 (*Mesemb deltoides* var) **pedunculatum** (RSA) 1920 → **Oscularia pedunculata** by MHG Schwantes 1949,
 (*Pectinaria articulate* var) **namaquensis** (Little Namaq) 1909 → **Petopentia articulate** ssp **namaquensis** by PV Bruyns 1981,
 (*Piранthus comptus* var) **ciliatus** (Cape) 1909,
 (*Piранthus foetidus* var) **diversus** (Cape) 1909,
 (*Piранthus pillansii* var) **fuscatus** (Cape) 1909,
 (*Piранthus cornutus* var) **grandis** (Cape) 1909,
 (*Piранthus pillansii* var) **inconstans** (Cape) 1909,
 (*Piранthus foetidus* var) **multipunctatus** (Cape) 1909,
 (*Piранthus foetidus* var) **pallidus** (Cape) 1909,
 (*Piранthus foetidus* var) **purpureus** (Cape) 1909,
 (*Pectinaria articulata* var) **namaquensis** (Little Namaq) 1909 (disc by Templeman c1900),
 (*Sansevieria cylindrica* var) **patula** (Angola) 1915,
 (*Sarcostemma*) **brunonianum** (India, Australia, China, Thailand, Philippines) (desc & nah by R Wight & GAW Arnott 1834) → **Sarcostemma viminale** ssp **brunonianum** by PI Forster 1992;
desc species:
 (*Anthericum*) **bulbosum** (New S Wales, Queensland) 1810 → **Bulbine bulbosa** by AH Haworth 1821,
 (*Anthericum*) **semibarbatum** (Australia) 1810 → **Bulbine semibarbata** by AH Haworth 1921,
 (*Caralluma*) **adscendens** (India) 1809 (disc by W Roxburgh 1790),
 (*Ceropegia*) **africana** (Western Cape, Eastern Cape) 1822,
 (*Dischidia*) **nummularia** (India, Sri Lanka, Bangladesh, Myanmar, China, Cambodia, Thailand, Laos, Vietnam, Malaysia, Indonesia, Philippines, Singapore, Solomon Islands, Papua New Guinea, Queensland) 1810,

(Leichardtia) **australis** (Australia) 1845 → **Marsdenia australis** by GC Druce 1917,
 (Marsdenia) **viridiflora** (Northern Territory, Queensland, Western Australia) 1810,
 (Sarcostemma) **australe** (Australia) 1810 → **Sarcostemma viminale** ssp **australe** by PI Forster 1992;

transfer species:

“Euphorbia viminale” (C Linnaeus 1753) → **Sarcostemma viminale** by 1810,
 “Stapelia adscendens” (W Roxburgh 1795) → **Caralluma adscendens** 1810,
 “Stapelia campanulata” (SF Masson 1797) → **Huernia campanulata** 1811.

]



† **Brown**, (Dr) Robert [**Bruno**] (21 Dec 1773–10 Jun 1858); {R.Br.}; Scottish botanist; studied medicine through study of plants at Univ of Edinburgh, Scotland, but no degree; explored & collected for J Banks in RSA, Mada, Australian & Tasmania 1801–05, librarian for Linnean Soc 1805–22 & for J Banks 1810–20; curator of J Banks entire bot collection after his death 1820–27; first keeper of botany dept at British Museum 1827~; he made 2 bot discoveries critical to science

— the Brownian movement (the motion of tiny particles) in 1827 and determining & naming the nucleus of a cell in 1831; Doctor of Civil Law 1832; first English botanist to advocate the natural system of plant classification; known as the father of Asclepiadaceae; member of Linnean Soc 1798, Fellow 1822 & pres 1849–53; FRS 1811;

Book [1810] on the *Asclepiadaceae* section of his 'Prodromus Florae Novae Hollandiae'; 78p;

desc genera:

neilema (Africa, Yemen, Mada, Australia) 1810,

Brachystelma (RSA, Namibia, Ethiopia) 1822,

Caralluma (India, Baluchistan, Afghanistan, Ceylon, Palestine, Arabia, Socotra, the Mediterranean islands, Spain, n Africa, Tropical Africa) 1810 (disc by W Roxburgh 1795 & known in early India as *Car-Allum*),

Dischidia (India to Taiwan, Philippines to New Guinea & Australia) 1810,

Hoya (Pakistan, India, Bangladesh, Bhutan, Papua New Guinea, Australia, Japan, various Pacific Islands) 1810 (na T Hoy),

Huernia (Arabian Peninsula, Africa) 1810 (na J Heurnius, even though genus was misspelled when desc),

Marsdenia (Worldwide in frost free regions) 1810 (na W Marsden),

Piранthus (Cape, Namibia) 1810,

Sarcostemma (subtropical & tropical areas of old world) 1810;

species nah: 1920) → **Pilosocereus purpusii** [w GD Rowley] 1957,

“Cereus catingicola” (RLA Gurke 1908) → **Pilosocereus catingicola** [w GD Rowley] 1957,

“Cereus chrysostele” (FKJ Vaupel 1923) → **Pilosocereus chrysostele** [w GD Rowley] 1957,

“Cereus oligolepis” (FKF Vaupel 1913) → **Pilosocereus oligolepis** [w GD Rowley] 1957,

“Cereus pentaedrophorus” (JF Cels 1858) → **Pilosocereus pentaedrophorus** [w GD Rowley] 1957,

“Cereus piauhyensis” (RLA Gurke 1908) → **Pilosocereus piauhyensis** [w GD Rowley] 1957,

“Pilocereus alensis” (R Roland-Gosselin 1905) → **Pilosocereus alensis** [w GD Rowley] 1957,

“Pilocereus arrabidaei” (AC Lemaire 1862) → **Pilosocereus arrabidaei** (w GD Rowley) 1957,

“Pilocereus aurisetus” (E Werdermann 1933) → **Pilosocereus aurisetus** [w GD Rowley] 1957,

“Pilocereus chrysacanthus” (FAC Weber 1897) → **Pilosocereus chrysacanthus** [w GD Rowley] 1957,

“Pilocereus glaucochrous” (E Werdermann 1933) → **Pilosocereus glaucochrous** [w GD Rowley] 1957,

“Pilocereus gounellei” (FAC Weber 1897) → **Pilosocereus gounellei** [w GD Rowley] 1957,

“Pilocereus leucocephalus” (H Poselger 1853) → **ilosocereus leucocephalus** [w GD Rowley] 1957,

“Pilocereus tuberculatus” (E Werdermann 1933) → **Pilosocereus tuberculatus** [w GD Rowley] 1957,

“Pilocereus ulei” (KM Schumann 1903) → **Pilo**

Brown, SD;

Book [1969] *Cactus Alkaloids* 177p.

†**Browne**, DD; collected in Virgin & nearby islands;

disc species:

(Cactus) **alatus** (Jamaica) ≈1756 (desc by OP Swartz 1788) —> **Pseudorhipsalis alata** by NL Britton & JN Rose 1923.

†**Browning**, (Revd) (Dr) Webster E (1869–1942); dir of Instituto Ingles, Santiago, Chile;

genus nah:

Browningia (desc & nah by NL Britton & JN Rose 1920).



Broyles, Bill;

Book [1997] *Organ Pipe Cactus Natl Monument : Where Edges Meet* [w GHH Huey] Tucson, Arizona; 64p.



†**Bruce**, Eileen Adelaide (15 Feb 1905–6 Oct 1955); {E.A.Bruce}; British botanist; BSc in botany at London Univ; curator at Kew

1930–41 & 1952~ & at Natl Herbarium, Pretoria, RSA 1946–52; specialized on *Brachystelma* & *Ceropegia*;

Book [1953] *Pedaliaceae part from Flora of Tropical East Africa* London, Eng; Eng;

species nah:

(*Brachystelma*) **bruceae** (Limpopo, Mpumalanga) (desc & nah by RA Dyer 1977 & disc by JH & J Davidson 1923);

desc species:

(*Brachystelma*) **chlorozonum** (Natal, Limpopo, Mpumalanga) 1938 (disc by G Thorncroft),

(*Brachystelma*) **festucifolium** (Tanzania) 1938,

(*Brachystelma*) **gracile** (Limpopo, Natal, Mpumalanga, Botswana, Zimbabwe) 1949 (disc in 1944),

(*Brachystelma*) **minor** (Limpopo) 1951 (disc by J Murray 1947),

(*Brachystelma*) **prostratum** (Zambia) 1948,

(*Brachystelma*) **stellatum** [w RA Dyer] (Limpopo) 1954 (disc by LEW Codd & B de Winter),

(*Caralluma*) **distincta** (Tanzania, Kenya) 1940 —> **Orbea distincta** by PV Bruyns 2001,

(*Caralluma*) **foetida** (Kenya, Uganda) 1938,

(*Caralluma*) **montana** [w RA Dyer] (Ethiopia) 1947 (disc by AG McLoughlin 1947) —> **Echidnopsis**

Montana by PRO Bally 1964,

(*Caralluma*) **subterranea** [w PRO Bally] (Kenya, Tanzania) 1941 —> **Orbea tubiformis** by PV Bruyns 2001,

(*Caralluma*) **tubiformis** [w PRO Bally] (Kenya) 1941 —> **Orbea tubiformis** by PV Bruyns 2001,

(*Caralluma*) **turnerii** (Ethiopia, Kenya, Uganda) 1937 (na HJA Turner),

(*Caralluma*) **vibratilis** [w PRO Bally] (Kenya, Uganda, Tanzania, Ethiopia) 1941 —> **Orbea vibratilis** by PV Bruyns 2001,

(*Ceropegia*) **copleyae** [w PRO Bally] (Kenya) 1950 (na G Copley) —> **Ceropegia crassifolia** var **copleyae** by HFJ Huber 1957,

(*Ceropegia*) **decidua** (Northern Prov, Swaziland) 1951,

(*Ceropegia*) **imbricata** [w PRO Bally] (Kenya) 1951,

(Ceropegia) **serpentina** (Northern Prov, Gauteng, Mpumalanga, Swaziland) 1949 → **Ceropegia stapeliiformis** ssp **serpentina** by RA Dyer 1980,
 (Ceropegia) **stentiae** (Gauteng, North-West) 1936 (disc by SM Stent & nah),
 (Ceropegia) **turricula** (Northern Prov) 1937 (disc by EE Galpin),
 (Duvalia) **tanganyikensis** [w PRO Bally] (Tanzania) 1941 → **Huernia tanganyikensis** by LC Leach 1969,
 (Echidnopsis) **angustiloba** [w PRO Bally] (Kenya) 1941,
 (Huernia) **pendula** (Eastern Cape) 1951,
 (Monadenium) **magnificum** (Tanzania) 1940 (disc by PJ Greenway 1930),
 (Plectranthus) **succulentus** [w RA Dyer] (Limpopo) 1949 → **Thorncroftia succulenta** by LEW Codd 1961,
 (Portulaca) **rhodesiana** [w RA Dyer] (Mozambique, Zimbabwe, RSA) 1949,
 (Raphionacme) **caerulea** (Guinea, Sierra Leone, Ivory Coast, Angola) 1935,
 (Raphionacme) **longituba** (Malawi, Zimbabwe, Zambia, Tanzania) 1937,
 (Raphionacme) **vignei** (Guinea Bissau, Chad, Guinea, Ghana, Ivory Coast) 1936 (disc by ? Vigne & nah).

Bruce, (Dr) WGG; Univ of Potchefstroom, North West, RSA;

Book [1963] *An Investigation of the Constituents of some Species of Aloe* Potchefstroom; 148p; (PhD thesis).



† **Bruch**, (Prof) (Dr hc) Carlos [Karl, Franz Karl] (1 Apr 1869–3 Jul 1943); Ger to Argentina 1887; photographer, archaeologist & entomologist; prof of zoology at Universidad de La Plata, Argentina 1906~ w honorary doctorate degree 1913; collected in Argentina; interested in ants & beetles;

disc species:

(Frailea) **bruchii** (Argentina) 1918 (desc & nah by CL Spegazzini 1923) → **Gymnocalycium bruchii** by CC Hosseus 1926,
 (Lobivia) **bruchii** (Argentina) 1907 (desc & nah by NL Britton & JN Rose 1922) → **Echinopsis formosa** ssp **bruchii** by M Lowry 2002.

Bruchmann, H;

Book [1995] *Kakteen und andere Sukkulente. Inhaltsverzeichnis, 1964–94* Münster, Ger; 54p.

Bruckmann, Christiane (1972–); {Bruckm.}; Ger biologist & visual communicator; MSc in botany at Hamberg Univ, Ger w thesis on fruits & flowers of genus *Drosanthemum* 1997;

desc species:

(*Drosanthemum*) **deciduum** [w HEK Hartmann] (Western Cape) 2000.

Bruekers, Jaco;

Book [1996] *Winterharde Vijgcactussen en Agaven* 80p.

Bruhn, (Dr) Jan G (c1944–); Swedish pharmacognologist; PhD 1975 & prof at Uppsala Univ, Sweden; studied alkaloids & ethnobotany of Mex Peyote cacti & related cacti; interested in hallucinogenic cacti; [?spouse Catarina Bruhn?];

Book [1975] *Pharmacognostic Studies of Peyote & Related Psychoactive Cacti* Uppsala, Sweden; Eng; 38p; (PhD thesis).

† **Bruinsma**, Josephus Johannes (1805–1888); {Bruinsma}; Dutch-Frisian apothecary & botanist in Leeuwarden Friesland (a prov in n Netherlands);

Book [1858] *Studies on the Crassulacean Acid Metabolism* Amsterdam, Netherlands; Eng; 59p.

Brullo, Salvatore (1943–); {Brullo};

desc species:

(Crassula) **basaltica** [w G Siracusa] (Sicily) 1994,

(Sedum) **cyrenaicum** [w F Furnari] (Libya) 1979.

Brum, (Prof) (Dr) **Gilbert** [Gil] David, Jr; US biologist; PhD in biology at Univ of Calif, Riverside, Calif 1975; prof of biological sciences at Calif State Polytechnic Univ, Pomona 1975~;

Book [1972] *Ecology of the Saguaro (Carnegiea gigantea): Phenology & Establishment in Marginal Populations* Riverside; Eng; 42p;(MA thesis).



Brummitt, (Dr) Richard [**Dick**] Kenneth (22 May 1937–18 Sep 2013); {Brummitt}; British botanist & taxonomist; PhD at Liverpool Univ 1963; botanist at Kew Herbarium; expert on nomenclature; collected in tropical eastern Africa 1970;

Book [1992] *Authors of Plant Names* Kew, UK; Eng; 732p; no illustrations;

disc species:

(*Sansevieria*) **longistyla** (Malawi) c1976 (desc by IF la Croix 2005).

Brunaud, (Dr) Andre; French; Univ of Dijon, Dijon, France;

Book [1971] *Recherches Morphologiques sur les Apocynacees et Asclepiadacees* Dijon, France; French; 155p w 34 plates; (PhD thesis).

Brunell, HE; Swedish botanist in Göteborg;

species nah:

(Euphorbia) **brunellii** (Sudan, Ethiopia, Uganda, Kenya) (desc & nah by E Chiovenda 1952).

† **Bruninghaus**, [Brüninghaus, Breuninghaus,] Ilse (– c1958);

Book [1959] *Die Schönsten Sukkulenten oder Dickblattgewächse* = “The Most Beautiful Succ, Thick-leaved Plants” Minden, Ger; Ger; 31p; (book completed & pub by Fritz Hertal).

Brunkow, [later Olson] Bonnie (fl. 1997); US; explored in Argentina & Mex;

disc species:

(Puna) **bonnieae** (Argentina) 1990 (desc & nah by DJ Ferguson & R Kiesling 1997) —> **Tephrocactus bonnieae** by WH Stuppy 2001.

† **Brunnthaler**, Josef [Joseph] (20 Dec 1871–18 Aug 1914); {Brunnth.}; Austrian botanist; conservator at Bot Museum at Univ of Vienna, Austria; explored & collected in central & s Africa 1909–10;

species nah:

(Mesemb) **brunnthaleri** (Cape) (desc & nah by A Berger 1922) —> **Delosperma brunnthaleri** by HJ Jacobsen 1933.



Brunt, (Dr) Clarke; Eng; expedition to Peru 2000;

disc species:

(Peperomia) **cereoides** (Peru) 2000 (desc by G Pino & N Cieza 2003),

(Peperomia) **licicensis** (Peru) 2000 (desc by G Pino & O Klopfenstein 2003).

Brusca, Richard; US;

Book [2010] *Desert Gardens: A Photographic Tour of the Arizona-Sonora Desert Museum* [w MA Dimmitt & GM Montgomery] Brentwood, Tennessee; Eng; 176p.



Brusse, Franklin Andrej (24 Feb 1951–); {Brusse}; Netherlands to RSA 1953; lichenologist; MSc at Univ of Witwatersrand 1980; curator of lichen collection at National Herbarium 1980~; collected in RSA;

desc species:

(Dorotheanthus) **ulularis** (Cape) 1996.



Bruyns, (Prof) (Dr) Peter Vincent (25 Mar 1957–); {Bruyns}; Cape Town, RSA mathematician, botanist, lecturer, photographer & artist; PhD at Oxford Univ, Eng 1986; mathematics prof at Cape Town Univ 1987~; specialized in Stapelieae; explored & collected in Namaq, Little & Great Karoo; awarded Bolus Medal from Bot Soc of S Africa 2003; IOS member 1994; spouse C Klak;

Book [1984] *Ceropegia, Brachystelma & Tenaris in SW Africa* Windhoek, Namibia; Eng/Afrikaans; 84p; (from SW Africa Scientific Soc in Dinteria 17 journal),

[1985] *The Genus Ceropegia on the Canary Islands (Asclepiadaceae- Ceropegieae), a Morphological & Taxonomic Account* Berlin, Ger; Eng; 32p,

[1988] *A Revision of the Genus Echidnopsis* HOOK. (Asclepiadaceae-Stapelieae; Eng; 48p; (from Bradleya),

[1991] *Recircumscription of the Stapelieae*; 11p,

[2002] *Orbea & Ballyanthus (Apocynaceae-Asclepiadoideae-Ceropegieae)* Ann Arbor, Michigan; Eng; 196p,

[2005] *Stapeliads of Southern Africa & Mada* Hatfield, RSA; Eng; in 2 Vols w 940 color photos;

Vol 1; 335p;

Vol 2; 281p;

desc genus:

Baynesia (Namibia) 2000 (na M Baynes),

Cibirhiza (Oman, Tanzania, Zambia) 1988,

Ophionella (RSA) 1981;

species nah:

(Cleretum) **bruynsii** (Northern Cape) (desc & nah by C Klak 2012 & disc by C Klak 2011),

(Euphorbia) **bruynsii** (Eastern Cape) (desc & nah by LC Leach 1981),

(Haworthia) **bruynsii** (Eastern Cape) (desc & nah by MB Bayer 1981),

(Scopelogena) **bruynsii** (Northern Cape, Western Cape) (desc & nah by C Klak 2000);

disc species:

(Acrodon) **deminutus** (Western Cape) 1996 (desc by C Klak 2003),

(Aloe) **bruynsii** (Mada) 1993 (desc & nah by PI Forster 2003),

(Bulbine) **alveolata** (Northern Cape) 1995 (desc by SA Hammer 2003),

(Bulbine) **bruynsii** (Namaq) (desc & nah by SA Hammer 1998),

(Ceropegia) **connivens** (Western Cape) 1975 (desc by RA Dyer 1979) —> **Ceropegia fimbriata** ssp

connivens by PV Bruyns 1985,

(Ceropegia) **poluniniana** (Nepal) 1989 (na OV Polunin),

(Conophytum) **bruynsii** (Namaq) 1995 (desc & nah by SA Hammer 1998),

(Conophytum) **turbiniforme** (Namaq) c1978 (desc by R Rawe 1980) —> **Conophytum auriflorum** ssp **turbiniforme** by SA Hammer 1993,

(Cotyledon) **eliseae** (Western Cape) (desc by EJ van Jaarsveld 1997 & na Elise Bodley),

(Drosanthemum) **quadratum** (Western Cape) 1999 (desc by C Klak 2003),

(Haworthia) **archeri** (Western Cape) 1977 (desc by MB Bayer 1981 & na J Archer) —> **Haworthia marumiana** var **archeri** by MB Bayer 1999,

(Leipoldtia) **gigantea** (Northern Cape) 2005 (desc by C Klak 2008),

(Lithops) **naureniae** (Little Namaq) 1976 (desc by DT Cole 1980 & na NA Cole),

(Neohenricia) **spiculata** (Eastern Cape) 1991 (desc by SA Hammer 1994),

(Tylecodon) **bruynsii** (Namibia) (desc & nah by EJ van Jaarsveld & SA Hammer 2009),

(Tylecodon) **suffultus** (Western Cape) (desc by HR Toelken 1978);

desc species:

(Adromischus) **subdistichus** (Eastern Cape, Western Cape) 1992,

(Baynesia) **lophophora** (Namibia) 2000,

(Brachystelma) **codonanthum** (Namibia) 1995,

(Brachystelma) **recurvatum** (n Namibia) 1995,

(Ceropegia) **foliosa** (Yemen) 1988,

(Cibirhiza) **dhofarensis** (Oman) 1988,

(Euphorbia) **suffulta** (Western Cape) 1990,

(Kedrostis) **psammophila** (Northern Cape) 1993,

(Ophionella) **willowmorensis** (Eastern Cape) 1999 (disc by him 1992),

(Orbea) **taitica** (Kenya) 2002 (disc by Q Luke 1998) —> **Angolluma taitica** by DCH Plowes 2008,

(Quaqua) **pallens** (Northern Cape) 1999,

(Pectinaria) **exasperata** (Northern Cape) 1978 —> **Hermanschwartzia exasperata** by DCH Plowes 2003,

(Sarcostemma) **arabicum** [w PI Forster] (Saudi Arabia, Yemen) 1991,

(Sarcostemma) **oresbium** (Mozambique) 2003 —> **Cynanchum oresbium** by DJ Goyder 2009,

(Schizoglossum) **saccatum** (Namibia) 1995,

(Senecio) **laticipes** (Western Cape) 1992,

(Tylecodon) **albiflorus** (Western Cape) 1989 (disc by him),

(Tylecodon) **atropurpureus** (Little Namaq) 1989 (disc by DV Tribble),

(Tylecodon) **pusillus** (Northern Cape) 1989 (disc by HR Toelken 1971),

(Tylecodon) **stenocaulis** (Western Cape) 1992 (disc by H Hall);

transfer species:

“Angolluma semitubiflora” (LE Newton 1993) —> **Orbea semitubiflora** 2001,

“Boucerosia decaisneana” (AC Lemaire 1844) —> **Orbea decaisneana** 2001,

“Caralluma abayensis” (MG Gilbert 1978) —> **Orbea abayensis** 2001,

“Caralluma acutiloba” (NE Brown 1909) —> **Quaqua acutiloba** 1983,

“Caralluma armata” (NE Brown 1890) —> **Quaqua armata** 1983,

“Caralluma baldratii” (AC White & BL Sloane 1937) —> **Orbea baldratii** 2001.

“Caralluma carnosa” (SM Stent 1916) —> **Orbea carnosa** 2001,

“Caralluma caudate” (NE Brown 1903) —> **Orbea caudata** 2001,

“Caralluma cincta” (CA Luckhoff 1935) —> **Quaqua cincta** 1995,

“Caralluma commutate” (A Berger 1910) —> **Orbea commutata** 2001,

“Caralluma deflersiana” (JJ Lavranos 1963) —> **Orbea deflersiana** 2001,

“Caralluma denboefii” (JJ Lavranos 1983) —> **Orbea denboefii** 2001.

“Caralluma distincta” (EA Bruce 1940) —> **Orbea distincta** 2001,

“Caralluma dodsoniana” (JJ Lavranos 1971) —> **Pseudolithos dodsonianus** [w U Meve] 1995,

"Caralluma eremastrum" (O Schwartz 1939) → **Orbea wissmannii** var **eremastrum** 2001,
 "Caralluma framesii" (NS Pillans 1928) → **Quaqua framesii** 1983,
 "Caralluma gemugofana" (MG Gilbert 1978) → **Orbea gemugofana** 2001,
 "Caralluma gerstneri" (CL Letty 1936) → **Orbea gerstneri** 2001,
 "Caralluma huernioides" (PRO Bally 1965) → **Orbea huernioides** 2001,
 "Caralluma huillensis" (W Hiern 1898) → **Orbea huillensis** 2001,
 "Caralluma inverse" (NE Brown 1903) → **Quaqua inversa** 1983,
 "Caralluma linearis" (NE Brown 1890) → **Quaqua linearis** 1983,
 "Caralluma lugardii" (NE Brown 1903) → **Orbea lugardii** 2001,
 "Caralluma luntii" (NE Brown 1894) → **Orbea luntii** 2001,
 "Caralluma lutea" (NE Brown 1891) → **Orbeopsis lutea** 2001,
 "Caralluma multiflora" (RA Dyer 1977) → **Quaqua multiflora** 1983,
 "Caralluma pillansii" (NE Brown 1909) → **Quaqua pillansii** 1983,
 "Caralluma rangeana" (MK Dinter & A Berger 1914) → **Orbea maculata** ssp **rangeana** 2001,
 "Caralluma sacculata" (NE Brown 1909) → **Orbea sacculata** 2001.
 "Caralluma schweinfurthii" (A Berger 1910) → **Orbea schweinfurthii** 2001,
 "Caralluma subterranean" (EA Bruce & PRO Bally 1941) → **Orbea tubiformis** 2001,
 "Caralluma tubiformis" (EA Bruce & PRO Bally 1941) → **Orbea tubiformis** 2001,
 "Caralluma ubomboensis" (IC Verdoorn 1932) → **Orbea ubomboensis** 2001,
 "Caralluma valida" (NE Brown 1895) → **Orbea valida** 2001.
 "Caralluma vibratilis" (EA Bruce & PRO Bally 1941) → **Orbea vibratilis** 2001,
 "Caralluma wilsonii" (PRO Bally 1966) → **Orbea wilsonii** 2001,
 "Caralluma wissmannii" (O Schwartz 1939) → **Obea wissmannii** 2001,
 "Ceropegia geniculata" (RA Dyer 1979) → **Ceropegia fimbriata** ssp **geniculata** 1985,
 "Ceropegia gymnopoda" (FRR Schlechter 1896) → **Brachystelma gymnopodium** 1995,
 "Ceropegia krainzii" (ER Sventenius 1954) → **Ceropegia dichotoma** ssp **krainzii** 1986,
 "Ceropegia superba" (DV Field & IS Collenette 1984) → **Ceropegia Arabica** var **superba** 1988,
 "Ceropegia tenuis" (NE Brown 1908) → **Ceropegia linearis** ssp **tenuis** 1985,
 "Echidnopsis ciliate" (PRO Bally 1957) → **Echidnopsis sharpie** ssp **ciliata** 1988,
 "Hoodia lugardii" (NE Brown 1904) → **Hoodia currorii** ssp **lugardii** 1993,
 "Huernia hallii" (E & BM Lamb 1958) → **Huernia namaquensis** ssp **hallii** 1982,
 "Huernia sprengeri" (GA Schweinfurth 1893) → **Orbea sprengeri** 2001,
 "Pachycymbium laikipiense" (MG Gilbert 1990) → **Orbea laikipiensis** 2001,
 "Pectinaria arcuata" (NE Brown 1909) → **Ophionella arcuata** 1981,
 "Pectinaria asperiflora" (NE Brown 1909) → **Pectinaria articulate** ssp **asperiflora** 1981,
 "Pectinaria breviloba" (RA Dyer 1954) → **Stapeliopsis breviloba** 1981,
 "Pectinaria mirkinii" (NS Pillans 1939) → **Ophionella arcuata** ssp **mirkinii** 1999,
 "Pseudopectinaria malum" (JJ Lavranos 1971) → **Echidnopsis malum** 1988,
 "Stapelia aperta" (F Masson 1797) → **Tromotriche aperta** 1995,
 "Stapelia albocastanea" (Marloth 1913) → **Orbea albocastanea** 2001,
 "Stapelia choanantha" (JJ Lavranos & H Hall 1964) → **Tromotriche choanantha** 1995;
 "Stapelia chrysostephana" (A Deflers 1896) → **Orbea chrysostephana** 2001,
 "Stapelia dummeri" (NE Brown 1917) → **Orbea dummeri** 2001,
 "Stapelia herrei" (GC Nel 1933) → **Tromotriche herrei** 1995,
 "Stapelia incarnata" (C von Linne *fil.* 1782) → **Quaqua incarnata** 1983,
 "Stapelia knobelii" (EP Phillips 1930) → **Orbea knobelii** 2001,
 "Stapelia longii" (CA Luckhoff 1935) → **Tromotriche longii** 1995,

“*Stapelia longipes*” (CA Luckhoff 1934) —> ***Tromotriche longipes*** 1995,
 “*Stapelia mammillaris*” (C Linnaeus) —> ***Quaqua mammillaris*** 1983,
 “*Stapelia melanantha*” (FRR Schlechter 1905) —> ***Orbea melanantha*** 2001,
 “*Stapelia parviflora*” (SF Masson 1797) —> ***Quaqua parviflora*** 1983,
 “*Stapelia pruinosa*” (SF Masson 1797) —> ***Quaqua pruinosa*** 1983,
 “*Stapelia ramosa*” (SF Masson 1797) —> ***Quaqua ramosa*** 1983,
 “*Stapelia rogersii*” (HML Bolus 1915) —> ***Orbea rogersii*** 2001,
 “*Stapelia ruschiana*” (MK Dinter 1923) —> ***Tromotriche ruschiana*** 1995,
 “*Stapelia vaga*” (NE Brown 1895) —> ***Orbea lutea* ssp *vaga*** 2001,
 “*Stapelianthus baylissii*” (LC Leach 1968) —> ***Tromotriche baylissii*** 1995,
 “*Stultitia araysiana*” (JJ Lavranos & AS Bilaidi 1971) —> ***Orbea araysiana*** 2001.
 “*Stultitia hardyi*” (RA Dyer 1963) to ***Orbea hardyi*** 2000,
 “*Trichocaulon annulatum*” (NE Brown 1909) —> ***Hoodia pilifera* ssp *annulata*** 1993.
 “*Trichocaulon delaetianum*” (MK Dinter 1923) —> ***Hoodia officinalis* ssp *delaetiana*** 1993;
 “*Trichocaulon felinum*” (DT Cole 1985) —> ***Larryleachia cactuformis* var *felina*** 2005,
 “*Trichocaulon pillansii*” (NE Brown 1904) —> ***Hoodia pilifera* ssp *pillansii*** 1993,
 “*Trichocaulon triebneri*” (GC Nel 1935) —> ***Hoodia triebneri*** 1993;

disc subsp:

(*Conophytum ernstii* ssp) ***cerebellum*** (Namibia) 1989 (desc by SA Hammer 1993);

desc subsp:

(*Ceropegia africana* ssp) ***barklyi*** (Cape) 1985 (disc by H Barkly 1877 & nah),
 (*Ceropegia aristolochioides* ssp) ***deflersiana*** (Yemen, Saudi Arabia) 1988 (na A Deflers),
 (*Echidnopsis scutellata* ssp) ***dhofarensis*** (Oman) 1988,
 (*Orbea baldratii* ssp) ***somalensis*** (Somalia) 2001,
 (*Orbea huillensis* ssp) ***flava*** (Namibia) 2001,
 (*Orbea maculatas* ssp) ***kaokoensis*** (Namibia) 2001,
 (*Orbea valida* ssp) ***occidentalis*** (Botswana) 2001,
 (*Petopentia articulata* ssp) ***borealis*** (Northern Cape) 1981,
 (*Quaqua armata* ssp) ***maritima*** (Northern Cape) 1983 —> ***Quaqua maritima*** by DCH Plowes 1994,
 (*Quaqua armata* ssp) ***pilifera*** (Northern Cape, Western Cape) 1983 —> ***Quaqua pilifera*** by DCH Plowes 1994,
 (*Quaqua parviflora* ssp) ***pulchra*** (Western Cape) 1983 —> ***Quaqua pulchra*** by DCH Plowes 1994;

transfer subsp:

“*Caralluma caudata* ssp *rhodesiaca*” (LC Leach 1973) —> ***Orbea caudata* ssp *rhodesiaca*** 2001;
 “*Caralluma gerstneri* ssp *elongate*” (RA Dyer 1969) —> ***Orbea gerstneri* ssp *elongata*** 2001,
 “*Caralluma sprengeri* ssp *foetida*” (MG Gilbert 1978) —> ***Orbea sprengeri* ssp *foetida*** 2001,
 “*Caralluma sprengeri* ssp *laticorona*” (MG Gilbert 1978) —> ***Orbea laticorona*** 2001,
 “*Caralluma sprengeri* ssp *ogadensis*” (MG Gilbert 1978) —> ***Orbea sprengeri* ssp *ogadensis*** 2001,
 “*Huernia pillansii* ssp *echidnopsioides*” (LC Leach 1968) —> ***Huernia longii* ssp *echidnopsioides*** 1984;

desc variety:

(*Ceropegia arabica* var) ***abbreviata*** (Yemen, Saudi Arabia) 1988,
 (*Orbea semota* var) ***orientalis*** (Kenya) 2002 (disc by Q Luke 1998),
 (*Orbea wissmannii* var) ***parviloba*** (Oman) 2001,
 (*Quaqua incarnata* var) ***tentaculata*** (Northern Cape) 1983 —> ***Quaqua tentaculata*** by DCH Plowes 1994;

transfer variety:

“*Caralluma longipes* var *villetii*” (CA Luckhoff 1938) —> ***Pectinaria longipes* ssp *villetii*** 2005,

“*Cotyledon pygmaea* var *tenuis*” (HR Tolken 1977) —> ***Tylecodon tenuis*** 1992,
 “*Huernia hystrix* var *parvula*” (JD Hooker 1976) —> ***Huernia hystrix* ssp *parvula*** 2005,
 “*Pectinaria articulate* var *namaquensis*” (NE Brown 1909) —> ***Petopentia articulate* ssp *namaquensis***
 1981,
 “*Stapelia parvipuncta* var *truncate*” (CA Luckhoff 1937) —> ***Tridentea parvipuncta* ssp *truncate*** 1995.

† **Bryant**, Edward Godfrey (–1932); RSA mining engineer in Johannesburg; plant collector;
species nah:

(Stomatium) **bryantii** (Northern Cape) (desc & nah by HML Bolus 1935).

† **[BSG]**, = Phillip **Bruch** (1781–1847), Wilhelm Philipp **Schimper** (1808–1880) &
 Wilhelm Theodor von **Gumpel** (1812–1858).

† **[BSP]**, = Nathaniel Lord **Britton** (1859–1934), Emerson Ellick **Sterns** (1846–1926) & Justus Ferdinand
Poggenburg (1840–1893).



† **Buchanan**, John (1821–3 Nov 1903); Scottish clergyman ordained in 1844; to Canada
 1846–61; to Natal 1861; collected in Natal & nearby countries 1861–74; interested in grasses &
 ferns;

disc species:

(Aloe) **buchananii** (Malawi) 1892 (desc & nah by JG Baker 1895).

(Brachystelma) **buchananii** (Tanzania, Zimbabwe, Zambia, Congo, Malawi) 1892 (desc & nah by
 NE Brown) 1895,

(Ceropegia) **debilis** (Zimbabwe, Malawi) (desc by NE Brown 1895) —> ***Ceropegia linearis* ssp *debilis*** by
 HFJ Huber 1957,

(Dorstenia) **buchananii** (Tanzania, Malawi, Zambia, Zimbabwe, Mozambique) 1892 (desc & nah by
 HGA Engler 1894),

(Sansevieria metallica var) **nyasica** (Malawi) 1892 (desc by NE Brown 1915).



Buchanan, Shaun; US in-house designer & photographer; spouse Kate Buchanan;
Book [2013] *Planting Designs for Cactus & Succulents* [w J Bagnasco, S Asakawa & R Foreman]
 Minneapolis, Minnesota; Eng; 76p w many color photos.

† **Buchanan-Hamilton**, [né Buchanan, later in 1815 added his mother’s surname
 Hamilton] (Dr med) C Francis (15 Feb 1762–15 Jun 1829); {Buch.-Ham.}; Scottish physician, zoologist &
 botanist; MD at Edinburgh Univ 1783; in Bengal medical service 1795–15; succeeded
 W Roxburgh as superintendent of Bot Garden Calcutta 1814–15; FRS 1806; FLS 1816; became known as Lord
 Hamilton;

disc species:

(Euphorbia) **fusiformis** (India, Nepal) (desc by D Don 1825);

desc species:

(Euphorbia) **nivulia** (India) 1825.

† **Buchenau**, Francisco Guillermo (–10 Mar 1969); {Franc.G.Buchenau}; Ger to Mex;
 poultry farmer; member of La Sociedad Mexicana de Cactologia; specialized in genus *Mamm* of Mex;

desc species:

(Coryphantha) **jalpanensis** (Queretaro) 1965,
(Mamm) **backebergiana** (state of Mex) 1966 (na C Backeberg),
(Mamm) **magnifica** (Morelos) 1967 (disc by him 1967),
(Mamm) **varieaculeata** (Puebla) 1966,
(Vohemaria) **messeri** (Mada) 1889 (na K Messer) —> **Cynanchum messeri** by HL Jumelle &
JMH Perrier de la Bathie 1911.

{Buch.-Ham.}, — See **Buchanan-Hamilton**, C Francis.



† **Buchloh**, (Dr) Günther [Guenther] (27 Aug 1923–9 Apr 1989); {Buchloh}; Ger bryologist
in Stuttgart, Ger; collected in Mada w WHH Rauh 1961;

species nah:

(Aloe) **buchlohii** (Mada) (desc & nah by WHH Rauh 1966);

desc species:

(Ceropegia) **bosseri** [w WHH Rauh] (Mada) 1965 (na JM Bosser),

(Euphorbia) **annamarieae** [w WHH Rauh] (Mada) 1961 (desc by WHH Rauh 1991),

(Euphorbia) **rossii** [w WHH Rauh] (Mada) 1967 (na E Ross),

(Notonia) **hebdingii** [w WHH Rauh] (Mada) 1987 (na R Hebding) —> **Senecio hebdingii** by GD Rowley

1994;

desc variety:

(Euphorbia decaryi var) **spirosticha** [w WHH Rauh] (Mada) 1987.

† **Buchner**, Mr ?;

[?Buchner, (Dr med) Maximilian [Max] Joseph August Heinrich Markus (1846–1921); Ger physician &
ethnographer; collected in Angola & Congo?]

disc species:

(Aeollanthus) **buchnerianus** (Tanzania to Mpumalanga, Free State, Natal, Eastern Cape) (desc & nah by
Jl Briquet 1894).

Buchner, [Büchner, Bruechner,] G;

Book [1985] *Ein Beitrag zum Studium des Artenkomplexes um Notocactus ubelmannianus* = “An Addition to
the Studies of the Notocactus ubelmannianus Complex” [w H Franssen, J Hovens & G Konigs] Lottum; Ger;
30p.

† **Buchtien**, Otto August (16 Aug 1859–1946); Ger botanist; to Chile c1893–c1906 as a teacher; to
Bolivia, dir of Museo Nacional, La Paz, Bolivia c1906–36; had large private herbarium of S Amer plants went to
US Natl Museum 1922; collected in Bolivia & surrounding countries 1878–1935 before returning to Ger 1936;

species nah:

(Cleistocactus) **buchtienii** (Bolivia) (desc & nah by C Backeberg 1936).

† **Buck**, [Bück, Bueck, Byuka,] (Dr med) Johannes Nicolaus (–1856); Ger botanist & physician in
Frankfurt, Ger;

Book [1828] author of Index to AP de Candolle’s *Prodromus*.

Buck, Wm Russell (1950–); {W.R.Buck}; US;

desc species:

(Euphorbia) **guiengola** [w MJ Huft] (Oaxaca, Chiapas) 1977.

† **Buckley**, (Dr) Samuel Botsford (9 May 1809–18 Feb 1884); {Buckley}; US farmer, geologist, botanist & field naturalist; geologist & naturalist at Texas Geological Survey 1860–61; statistical dept examiner at US Sanitary Commission 1862–65; state geologist of Texas 1865–67 & 1874–77; PhD at Waco Univ 1872; collected in s central US & n Mex 1878–83; first spouse Charlotte [née Sullivan] Buckley (–1854), second spouse Sarah [née Porter] Buckley (–1858), third spouse Mary [née Huttner] Buckley, fourth spouse Libbie [née Meyers] Buckley;

desc species:

(Yucca) **constricta** (Texas) 1862 (disc by FJ Lindheimer 1843).

Buddensiek, (Dr) Volker (5 Oct 1955–); {Buddens.}; Ger biologist & chemist; editor of *Avonia* 2000–06; a founding member of the International Euphorbia Soc 2006 & editor of its *Euphorbia World journal* 2006~; explorer in Canary Islands primarily to study Euphorbias;

Book [1998] *Sukkelente Euphorbien* Stuttgart, Ger; Ger; 176p;

[2000] *The Succ Euphorbias* CD-ROM, Stadthagen, Ger,

[2006] *Succ Euphorbias Plus* CD-ROM, Stadthagen, Ger; expansion of 2000 CD-ROM.

† **Buder**, (Dr) ?; Breslau, Poland; worked w drawings on JKL von Poellnitz synopsis of *Anacampseros*;
species nah:

(Anacampseros) **buderiana** (Northern Cape) (desc & nah by JKL von Poellnitz 1933) → **Avonia recurvata** ssp **buderiana** by G Williamson 1998.

Budwitz, (Mrs) von;`

disc species

(Jensenobotrya) **lossowiana** (Namibia) c1948 (desc by AGJ Herre 1951 & na O von Lossow).

† **Buek**, (Dr med) Heinrich Wilhelm (10 Apr 1796–2 Oct 1878); {H.Buek}; Ger physician & botanist in Hamburg, Ger; spouse Charlotte Adelaide [née Schiff] Buek;

species nah:

(Echinocactus) **buekii** (Nuevo Leon) (desc & nah by E Klein 1859) → **Thelocactus buekii** by NL Britton & JN Rose 1923.

Bueneker, [Büneker,] Rudi Werner; Brazilian cactus collector; father RH Bueneker;

species nah:

(Notocactus) **rudibuenekeri** (Rio Grande do Sul) (desc & nah by W-R Abraham 1988) → **Parodia rudibuenekeri** by A Hofacker & PJ Braun 1998;

disc species:

(Frailea) **buenekeri** (Rio Grande do Sul) 1987 (desc & nah by W-R Abraham 1990).

Bueneker, [Büneker,] Rudolf Heinrich (1900–1971); Brazilian cactus collector; brother-in-law L Horst; son RW Bueneker;

species nah:

(Gymnocalycium) **buenekeri** (Rio Grande do Sul) (desc & nah by GJ Swales 1978 & disc by K-H Uhlig 1968) → **Gymnocalycium horstii** ssp **buenekeri** by PJ Braun & A Hofacker 2002.

Buenrostro, Marco;

Book [1998] *El Maravilloso Nopal* [w C Barros] Miguel Hidalgo, Mex; Spanish; 243p.

Buettner, OAR — See **Büttner**, Oscar AR.

Bugaret, Francis & Martine;

Book [2006] *La Connaissance des Succulentes et Xerophytes du Monde*; 400p.

† **Buge**, (Dr med) Alexander [Aleksandr, Aleksandrovic] Andrejewitsch [Andreevic] von (24 Sep 1803–6 Jul 1890); {Bunge}; Russian scientist & physician; MD at Tartu (Dorpat) Univ, Estonia 1825; dir of bot garden at Dorpat Univ 1836~; explored in Siberia & China;

desc species:

(Sedum) **sarmentosum** (China, Korea, Japan) 1833.

Buhr, Elias A (–1991); RSA; farmer in Northern Cape;

species nah:

(Aloe) **buhrii** (Northern Cape) (desc & nah by JJ Lavranos 1971).

† **Buhse**, Friedrich Alexander (30 Nov 1821–29 Dec 1898); {Buhse}; Latvian botanist;

desc species:

(Umbilicus) **multicaulis** [w PE Boissier] (Turkmenistan, Iran) 1860 —> **Pseudosedum multicaule** by AG Borissova 1933.



† **Buining**, [Beyning,] **Albert** Frederik [Frederick] Hendrik [Hendrick]

(25 Aug 1901–9 May 1976); {Buin.}; Dutch burgomaster & botanist; community official in Leusden (Utrecht), Netherlands; longtime editor of Dutch & Belgian C&SS 'Succulenta' & chairman of soc 1940–68; collected in Brazil & Uruguay 1966 & 1968–69 & in Paraguay, Chile, Peru & Argentina & back to Brazil 1972; founding member of IOS 1950; CSSA Fellow award (posthumously) 1977; spouse D Buining;

Book [1977] *The Genus Discocactus* Netherlands [published after his death, edited by A de Graaf]; Eng/Dutch/Ger; 224p w 60 color photos;

genus nah:

Buiningia (Brazil) (desc & nah by F Buxbaum 1971) (syn of Coleocephalocereus BACKEBERG),

desc genera:

Akersia (Peru) 1961 (na J Akers) (syn of Cleistocactus LEMAIRE),

Arequipiopsis [w KG Kreuzinger] 1941 (syn of Oreocereus RICCOBONO),

Digitorebutia 1940 (syn of Rebutia K SCHUMANN),

Hymenorebutia 1939 (syn of Echinopsis ZUCCARINI),

Maritimocereus [w JF Akers] 1950 (syn of Cleistocactus LEMAIRE),

Uebelmannia (Minas Gerais) 1967 (na WJ Uebelmann);

species nah:

(Notocactus) **buiningii** (Uruguay, Brazil) (desc & nah by F Buxbaum 1968 & disc by AFH Buining 1966) —> **Parodia buiningii** by NP Taylor 1987,

(Uebelmannia) **buiningii** (Minas Gerais) (desc & nah by JD Donald 1968 & disc by L Horst & G Baumhardt 1966);

disc species:

(Melocactus) **alex-bragai** [w L Horst] (Bahia) 1960s (desc by JP Braun & E Esteves Pereira 2008 & na Alex Braga Nascimento);

desc species:

- (Arrojadoa) **dinae** [w AJ Brederoo] (Bahia, Goias, Minas Gerais) 1973 (na D Buining),
(Arrojadoa) **eriocaulis** [w AJ Brederoo] (Bahia, Minas Gerais) 1973,
(Austrocephalocereus) **albicephalus** [w AJ Brederoo] (Bahia, Minas Gerais) 1973 (disc by AFH Buining 1972) —> **Micranthocereus albicephalus** by F Ritter 1979,
(Austrocephalocereus) **dolichospermaticus** [w AJ Brederoo] (Bahia, Minas Gerais) 1974
—> **Micranthocereus dolichospermaticus** by F Ritter 1979,
(Austrocephalocereus) **estesvii** [w AJ Brederoo] (Goias, Minas Gerais, Tocantins) 1975 (disc by E Esteves Pereira ≈1974 & nah) —> **Micranthocereus estesvii** by F Ritter 1979,
(Borziactis) **tessellatus** [w JF Akers] (Peru) 1954 —> **Cleistocactus fieldianus** ssp **tessallatus** by C Ostolaza 1998,
(Buiningia) **purpurea** [w AJ Brederoo] (Minas Gerais) 1973 —> **Coleocephalocereus purpureus** by F Ritter 1979,
(Cereus) **crassisepalus** [w AJ Brederoo] (Brazil) 1973 —> **Cipocereus crassisepalus** by DC Zappi & NP Taylor 1991,
(Coleocephalocereus) **aureispinus** [w AJ Brederoo] (Bahia) 1974 —> **Pilosocereus aureispinus** by F Ritter 1979,
(Coleocephalocereus) **buxbaumianus** (Minas Gerais) 1974 (na F Buxbaum),
(Coleocephalocereus) [w AJ Brederoo] **pluricostatus** (Brazil) 1971,
(Copiapoa) **esmeraldana** [w F Ritter] (Chile) 1969 (desc by F Ritter 1980),
(Discocactus) **boomianus** [w AJ Brederoo] (Brazil) 1971 —> **Disocactus zehntneri** ssp **boomianus** by NP Taylor & DC Zappi 1991,
(Discocactus) **catingicola** [w AJ Brederoo] (Brazil) 1974,
(Discocactus) **ferricola** [w AJ Brederoo] (Bolivia, Brazil) 1975,
(Discocactus) **horstii** [w AJ Brederoo] (Brazil) 1973 (disc by L Horst & nah),
(Eriocereus) **spinosissimus** [w AJ Brederoo] (Brazil) 1977 —> **Arthrocereus spinosissimus** by F Ritter 1979,
(Facheiroa) **cephaliomelana** [w AJ Brederoo] (Bahia, Minas Gerais) 1975,
(Frailea) **concepcionensis** [w G Moser] (Bolivia, Paraguay) 1971 —> **Frailea schilinzkyana** ssp **concepcionensis** by PJ Braun & E Esteves Pereira 1995,
(Frailea) **curvispina** [w AJ Brederoo] (Brazil) 1972,
(Frailea) **fulviseta** [w AFH Brederoo] (Brazil) 1973,
(Frailea) **mammifera** [w AJ Brederoo] (Brazil) 1972,
(Gymnocalycium) **horstii** (Rio Grande do Sul) 1970 (disc by L Horst c1965 & nah),
(Gymnocalycium) **matoense** [w AJ Brederoo] (Bolivia) 1975 (disc by AFH Buining & L Horst 1974)
—> **Gymnocalycium marsoneri** ssp **matoense** by JP Braun & E Esteves Pereira 1995,
(Lobivia) **arachnacantha** [w F Ritter] (Bolivia) 1956 —> **Echinopsis arachnacantha** by H von Friedrich 1974,
(Matucana) **ritteri** (La Libertad) 1959 (disc by F Ritter 1953 & nah),
(Melocactus) **amethystinus** (Bahia, Minas Gerias) 1972 —> **Melocactus bahiensis** ssp **amethystinus** by NP Taylor 1991,
(Melocactus) **azureus** [w AJ Brederoo] (Bahia) 1971 (disc by L Horst 1968),
(Melocactus) **brederooianus** Bahia) 1972 (disc by AFH Buining 1968 & na AJ Brederoo),
(Melocactus) **concinus** [w AJ Brederoo] (Bahia) 1972 (disc by L Horst),
(Melocactus) **conoideus** [w AJ Brederoo] (Bahia) 1973 (disc by L Horst),
(Melocactus) **cremnophilus** [w AJ Brederoo] (Bahia) 1972 (disc by L Horst & WJ Uebelmann 1967)
—> **Melocactus oreas** ssp **cremnophilus** by

PJ Braun 1988,

(Melocactus) **deinacanthus** [w AJ Brederoo] (Bahia) 1973 (disc by L Horst 1971),

(Melocactus) **ferreophilus** [w AJ Brederoo] (Bahia) 1973 (disc by L Horst),

(Melocactus) **glaucescens** [w AJ Brederoo] (Bahia) 1972 (disc by L Horst & WJ Uebelmann 1967),

(Melocactus) **inconcinus** [w AJ Brederoo] (Bahia) 1975 (disc by AFH Buining & L Horst 1972),

(Melocactus) **levitestatus** [w AJ Brederoo] (Bahia) 1973 (disc by L Horst),

(Melocactus) **longicarpus** [w AJ Brederoo] (Bahia, Minas Gerais) 1974 (disc by L Horst & AFH Buining 1966) —> **Melocactus ernestii** ssp **longicarpus** by NP Taylor 1991,

(Melocactus) **pachyacanthus** [w AJ Brederoo] (Bahia) 1976 (disc by AFH Buining & L Horst 1972),

(Micranthocereus) **auriazureus** [w AJ Brederoo] (Minas Gerais) 1973 (disc by L Horst 1971),

(Micranthocereus) **flaviflorus** [w AJ Brederoo] (Bahia) 1974 (disc by AFH Buining 1972),

(Micranthocereus) **violaciflorus** (Minas Gerais) 1969 (disc by him 1968),

(Notocactus) **carambeiensis** [w AJ Brederoo] (Brazil) 1973 (disc by L Horst & WJ Uebelmann 1966)

—> **Parodia carambeiensis** by A Hofacker 1998,

(Notocactus) **oxycostatus** [w AJ Brederoo] (Brazil) 1972 —> **Parodia oxycostata** by A Hofacker 1998,

(Notocactus) **rechensis** (Rio Grande do Sul) 1968 —> **Parodia rechensis** by FH Brandt 1982,

(Parodia) **ritteri** (Bolivia) 1959 (disc by F Ritter 1953 & nah),

(Pseudopilocereus) **flavipulvinatus** [w AJ Brederoo] (Brazil) 1979 —> **Pilosocereus flavipulvinatus** by F Ritter 1980,

(Pseudopilocereus) **fulvilanatus** [w AJ Brederoo] (Minas Gerais) 1973 (disc by L Horst 1968)

—> **Pilosocereus fulvilanatus** by F Ritter 1979,

(Pseudopilocereus) **jauruensis** [w AJ Brederoo] (Brazil) 1978 (disc by L Horst & WJ Uebelmann 1974)

—> **Pilosocereus jauruensis** by PJ Braun 1984,

(Pseudopilocereus) **magnificus** [w AJ Brederoo] (Minas Gerais) 1979 (disc by L Horst & WJ Uebelmann 1968) —> **Pilosocereus magnificus** by F Ritter 1979,

(Pseudopilocereus) **ruschianus** [w AJ Brederoo] (Bahia, Espirito Santo, Minas Gerais) 1980 (na A Ruschi)

—> **Pilosocereus brasiliensis** ssp **ruschianus** by DC Zappi 1994,

(Rebutia) **albiflora** [w F Ritter] (Tarija) 1963 (disc by F Ritter) —> **Rebutia pulvinosa** ssp **albiflora** by

ML Hjertson 2003,

(Rebutia) **pulvinosa** [w F Ritter] (Tarija) 1963 (disc by F Ritter),

(Uebelmannia) **flavisipina** [w AJ Brederoo] (Minas Gerais) —> **Uebelmannia pectinifera** ssp **flavisipina** by PJ Braun & E Esteves Pereira 1995,

[Uebelmannia) **meninensis** (Minas Gerais) 1968 —> **Uebelmannia gummifera** ssp **meninensis** by

PJ Braun & E Esteves Pereira 1995,

(Uebelmannia) **pectinifera** (Minas Gerais) 1967 (disc by L Horst & G Baumhardt 1966);

transfer species:

“Cactus smithii” (EJ Alexander 1939) —> **Melocactus smithii** 1974,

“Cereus goebelianus” (FKJ Vaupel 1923) —> **Coleocephalocereus goebelianus** 1970,

“Lobivia ritteri” (W Wessner 1938) —> **Rebutia ritteri** [w JD Donald] 1963,

“Parodia gummifera” (C Backeberg & O Voll 1950) —> **Uebelmannia gummifera** 1967;

desc variety:

(Frailea cataphracta var) **tuyensis** [w G Moser] (Paraguay) 1971 —> **Frailea pygmaea** ssp **tuyensis** by D Metzger 2006.

Buining, Dina; Netherlands; spouse AFH Buining;

species nah:

(Arrojadoa) **dinae** (Bahia, Goias, Minas Gerais) (desc & nah by AFH Buining & AJ Brederoo 1973).

Buissink, F; Dutch;

Book [1972] *Cactus; Groene Vingers* [w B van de Eerenbeemt] Amsterdam, Netherlands; Dutch; 16p.



† **Bullock**, Arthur Allman [Allmann] (8 Feb 1906–24 Oct 1980); {Bullock}; British botanist; BSc in botany at Univ of Nottingham, Eng 1928; botanist at Kew herbarium 1929~; specialized in Asclepiadaceae family;

Book [1978] *Bibliography of S African Botany (up to 1951)* Pretoria, RSA; Eng; 194p;

desc genera:

Petopentia (Natal, Eastern Cape) 1954,

Sarcorrhiza (Tanzania, Zaire) 1962;

disc species:

(Aloe) **bullockii** (Tanzania) 1950 (desc & nah by GW Reynolds 1961),

(Euphorbia) **rubrispinosa** (Tanzania) 1950 (desc by S Carter 1982),

(Monadenium) **pseudoracemosum** (Tanganyika) 1950 (desc by PRO Bally 1959);

desc species:

(Aloe) **elgonica** (Kenya) 1932 (disc by EJ Lugard 1930),

(Brachystelma) **exile** (Cameroon, Nigeria) 1963,

(Brachystelma) **omissum** (Cameroon) 1963,

(Ceropegia) **ballyana** (Kenya) 1955 (na PRO Bally),

(Ceropegia) **cataphyllaris** (Zambia) 1955,

(Kalanchoe) **lugardii** (Tanganyika, Kenya) 1932 (na EJ Lugard),

(Raphionacme) **keayi** (Ivory Coast, Nigeria, Cameroon) 1953 (na RWJ Keay),

(Sarcorrhiza) **epiphytica** (Tanzania, Zaire) 1963,

(Senecio) **bombycopholis** (Mex) 1937;

transfer species:

“Asclepias fornicate” (NE Brown 1906) → **Stathmostelma fornicatum** 1953,

“Asclepias xysmalobioides” (SLM Moore 1912) → **Glossostelma xysmalobioides** 1952,

“Gomphocarpus eminens” (WH Harvey 1863) → **Stenostelma eminens** 1953,

“Gomphocarpus lisianthoides” (J Decaisne 1838) → **Glossostelma lisianthoides** 1952,

“Krebsia carinata” (FRR Schlechter 1895) → **Stenostelma carniatum** 1956,

“Lagarinthus corniculatus” (EHF Meyer 1837) → **Stenostelma corniculatum** 1952,

“Lagarinthus interruptus” (EHF Meyer 1838) → **Aspidoglossum interruptum** 1952,

“Pentopetia natalensis” (FRR Schlechter 1894) → **Petopentia natalensis** 1954,

“Schizoglossum angustissimum” (KM Schumann 1893) → **Aspidoglossum angustissimum** 1952,

“Schizoglossum connatum” (NE Brown 1895) → **Aspidoglossum connatum** 1952,

“Schizoglossum erubescens” (FRR Schlechter 1895) → **Aspidoglossum erubescens** 1954,

“Schizoglossum spathulatum” (KM Schumann 1893) → **Glossostelma spathulatum** 1952,

“Trichocyclus pubescens” (CA Maass 1928) → **Brownanthus pubescens** 1937,

“Xysmalobium carsonii” (NE Brown 1895) → **Glossostelma carsonii** 1952.

Bullock, Edward [Ted] J; Eng to Bulawayo, Rhodesia 1958; collected Aloes;

disc species:

(Aloe) **musapana** (Zimbabwe) 1960 (desc by GW Reynolds 1964).

Bulthuis, AN;

Book [1960] *Cactussen-Succulenten* Cothen, Netherlands; 14p.



† **Burbank**, Luther (7 Mar 1849–11 Apr 1926); {Burbank}; US farmer, nurseryman & plant breeder; famous for developing the Burbank potato & many other fruits & vegetables; interested in *Opuntia* for cattle feed in dry ranges; had nursery in Santa Rosa, Calif; first spouse Helen [née Coleman] Burbank; second spouse Elizabeth [née Waters] Burbank;

Book [1907] *The New Agricultural-Horticultural Opuntias* Santa Rosa, Calif; Eng; 28p,
[1912] *The Gold Medal Newest Agricultural-Horticultural Opuntias: Spineless Cactus* Santa Rosa; Eng; 24p.



† **Burchard**, [Burchard Kessels,] (Dr) Oscar (1863–27 Oct 1949); {Burch.}; Ger botanist; PhD at Univ of Thuringia; to Tenerife, Canary Islands 1904; principal plant authority on Canary Islands; spouse Käthe Burchard;

disc species:

(*Caralluma*) **burchardii** (Canary Islands) 1912 (desc & nah by NE Brown 1913);
(*Euphorbia*) **handiensis** (Fuerteventura island in Canary Islands) 1912 (disc by him 1912).



† **Burchell**, (Dr hc) Wm John (23 Jul 1781–23 Mar 1863); {Burch.}; British to RSA 1810; explorer, naturalist, ethnographer, entomologist, ecologist, geologist, meteorologist, cartographer, traveler, botanist, zoologist & artist; explored & collected in RSA 1811–15 & took over 40,000 botanical specimens & some 500 drawings to Eng in 1915; disc the first *Lithops* known to botanical science in 1811; explored & collected in Brazil 1825–30; back to Eng 1830; regarded as one of most scientific collectors of his time; FLS 1803; honorary doctorate from Oxford Univ, Eng 1834;

Book [c1818] *Catalogus Geographicus Plantarum Africae Australis Extratropicae*; (manuscript at Kew);
[1822–24] *Travels in the Interior of Southern Africa* London, Eng; Eng; (in 2 Vols);
[1822] (Vol 1); 582p w 50 woodcuts + 10 color plates;
[1824] (Vol 2); 648p w 46 woodcuts + 10 color plates;

species nah:

(*Aizoon*) **burchellii** (Cape) (desc & nah by NE Brown 1908),
(*acropetalum*) **burchellii** (Free State, Mpumalanga, Natal) (desc & nah by J Decaisne 1844)

—> **Brachystelma burchellii** by R Peckover 1996,

(*Rhipsalis*) **burchellii** (Sao Paulo) (desc & nah by NL Britton & JN Rose 1923 & disc by J Rose 1915);

disc species:

(*Aloe*) **cooperi** (Natal, Mpumalanga, Swaziland) 1814 (desc by JG Baker 1874 & na T Cooper),

(*Aloe*) **striatula** (Eastern Cape, Lesotho) 1813 (desc by AH Haworth 1825),

(*Euphorbia*) **bubalina** (Eastern Cape) 1813 (desc by PE Boissier 1860),

(*Euphorbia*) **macella** (Western Cape) c1812 (desc by NE Brown 1915),

(*Euphorbia*) **micracantha** (Eastern Cape) c1815 (desc by PE Boissier 1860),

(*Euphorbia*) **rectirama** (Eastern Cape, Free State) c1812 (desc by NE Brown 1915),

(*Euphorbia*) **tenax** (Western Cape) c1812 (desc by him 1822),

(*Mesemb*) **aloides** (Botswana, Northern Cape, North-West) 1812 (desc by AH Haworth 1819)

—> **Nananthus aloides** by MHG Schwantes 1928,

(*Mesemb*) **turbiniforme** (Northern Cape) 1811 (desc by AH Haworth 1821) —> **Lithops turbiniformis** by NE Brown 1920,

(*Tithymalus*) **ecklonii** (Western Cape) 1815 (desc by JF Klotzsch & CAF Garcke 1860 & na CF Ecklon)

—> **Euphorbia ecklonii** by HE Baillon 1863;

desc species:

(Aloe) **claviflora** (Cape) 1822 (disc by WJ Burchell 1811),
 (Bauhinia) **esculenta** (Northern Prov, North-West, Gauteng, Botswana, Namibia) 1824 —> **Tylosema esculentum** by A Schreiber 1960,
 (Cotyledon) **trigyna** (Free State, Northern Cape) 1824 —> **Adromischus trigynus** by JKL von Poellnitz 1938,
 (Ipomoea) **suffruticosa** (Northern Cape, Namibia, Botswana) 1824 —> **Turbina suffruticosa** by ADJ Meeuse 1957,
 (Mesemb) **arboriforme** (Free State, Northern Cape) 1822 —> **Mestoklema arboriforme** by HF Glen 1981,
 (Mesemb) **campestre** (Northern Cape) 1822 —> **Ruschia campestris** by MHG Schwantes 1927,
 (Paschanthus) **repandus** (Angola, Zimbabwe, Zambia, Namibia, Botswana, RSA) 1822 —> **Adenia repanda** by HGA Engler 1891,
 (Systrepha) **filiforme** (Namibia, Cape) 1822 (disc by him 1812) —> **Ceropegia filiformis** by FRR Schlechter 1896;
subsp nah:
 (Lithops lesliei ssp) **burchellii** (Northern Cape) (desc & nah by DT Cole 1988 & disc by DT Cole & NA Cole 1977).

Burdet, Hervé Maurice (1939–); {Burdet}; Swiss botanist; worked at bot garden in Geneva, Switzerland;

transfer species:

“Sedum tenuifolium” (J Sibthorp & JE Smith 1809) —> **Sedum amplexicaule** ssp **tenuifolium** [w WR Greuter] 1981.

Burdett, Anthony [Tony] FM; British biologist; to Malawi as biology teacher 1961; back to England;

disc species:

(Sansevieria) **burdettii** (Malawi) (desc & nah by BJ Chahinian 2000).

Bureau of Land Management;

Book [1980] *Development of a Micropropagation System for Pediocactus* Phoenix, Arizona; Eng; 15p + 8 plates.

Burger, Irma (fl. 1996); RSA in Springbok, N Cape; spouse W Burger;

disc species:

(Conophytum) **irmae** [w SA Hammer & CM Barnhill] (Namaq) 1996 (desc by SA Hammer & CM Barnhill 1997 & na I Burger).

Burger, (Mr) S;

species nah:

(Trichodiadema) **burgeri** (Western Cape) (desc & nah by HML Bolus 1963).

Burger, Willem (fl. 1967); RSA; owner of a farm near Aggeneys, Springbok, N Cape; spouse I Burger;

disc species:

(Conophytum) **burgeri** (Bushmanland) (desc & nah by HML Bolus 1967).

Burger, (Prof) (Dr) Wm Carl (8 Sep 1932–); {W.C.Burger}; US botanist; PhD at Washington Univ, St Louis, Missouri 1961; prof at Addis Abeba Univ, Ethiopia 1961–65; prof of botany at Fields Museum of Natural History, Chicago, Illinois 1978-85; specialized on flowering plants of Costa Rica;

disc species:

(Ceropegia) **burgeri** (Ethiopia) (desc & nah by MG Gilbert 2003),
(Euphorbia) **burgeri** (Ethiopia) (desc & nah by MG Gilbert 1993).

Burgess, (Dr) Tony L (1949–); US; IOS member 1992;

Book [1988] *The Relationship between Climate and Leaf Shape in the Agave cerulata Complex* Tucson, Arizona; 222p; (PhD thesis),

[1995] *Sonoran Desert Plants: An Ecological Atlas* [w JE Bowers, RM Turner] Tucson, Arizona; Eng; 504p.

Burgos, [Burgos Vazquez,] N;

Book [1986] *El Nopal* [w F Borrego] Coahuila, Mex; 202p.



Burgoyne, Priscilla Merle (20 Jan 1964–); {Burgoyne}; RSA botanist, painter & musician; MSc in plant ecology at Univ of Pretoria 1995; scientist at S African Natl Biodiversity Institute 1992~; specializes in taxonomic studies of plant families Mesembryanthemaceae, Crassulaceae & Portulacaceae; collected in s Africa 2000~;

Book [1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w GF Smith, P Chesselet, EJ van Jaarsveld, HEK Hartmann, SA Hammer, B van Wyk, C Klak & H Kurzwil] Pretoria, RSA; Eng; 405p;

desc genus:

Hammeria (Northern Cape, Western Cape) 1998 (na SA Hammer);

desc species:

(Frithia) **humilis** (Gauteng) 2000,
(Hammeria) **gracilis** (Western Cape) 1998.

Burguete, D; Mexico;

disc species:

(Sedum) **salazarii** [w GA Salazar & C Granados] (Guerrero) 2006 (desc by J Reyes-Santiago & O Gonzalez-Zorzano 2011& na GA Salazar).

† **Burke**, (Mr) ?;

disc species:

(Mesemb) **locale** (Northern Cape, Eastern Cape) c1918 (desc by NE Brown 1920) —> **Lithops localis** by MHG Schwantes 1938.

Burke, Antje;

Book [2003] *Wild Flowers of the Southern Namib* Windhoek, Namibia; Eng; 88p w color photos every other page.

Burke, Arthur;

Book [1968] *C&S* [w P Barratt] Melbourne, Australia; Eng; 43p + 4 plates.



† **Burke**, Charles Henry (1 Apr 1861-7 Apr 1944); US lawyer, politician & Indian affairs officer; spouse Caroline [née Schlosser] Burke;

Book [1922] *Peyote (An Abridged Compilation From the Files of the Bureau of Indian Affairs)* [w REL Newberne] Chillico; 45p.

† **Burke**, Joseph [James] (12 Jun 1812–23 Jan 1873); British bot collector; explored & collected in RSA 1840–43 w CLP Zeyher & in Canada to nw US 1844–46;

disc species:

(Euphorbia) **trichadenia** [w CLP Zeyher] (Angola, Namibia, Zimbabwe, Mpumalanga, Limpopo) 1841 (desc by FA Pax 1894),
(Kalanchoe) **paniculata** [w CLP Zeyher] (RSA, Mozambique, Zimbabwe) 1841 (desc by H Harvey 1861),
(Piaranthus) **comptus** [w CLP Zeyher] (Cape) 1841 (desc by NE Brown 1890),
(Raphionacme) **burkei** (Namibia, Botswana, RSA) 1841 (desc & nah by NE Brown 1907),
(Stapelia) **corderoyi** (Northern Cape, Free State) 1841 (desc by JD Hooker 1874 & na J Corderoy)
—> **Duvalia corderoyi** by NE Brown 1876,
(Stapelia) **engleriana** (Northern Cape, Western Cape) 1841 (desc by FRR Schlechter 1905 & na HGA Engler).

Burki, [Bürki,] Martin;

Book [c1989] *Mehr Freude durch Kakteen* = "More Joy by Kakteen" [w O Hansli] Basel, Ger; 224p w over 100 color photos & designs.

† **Burkill**, Isaac Henry (18 May 1870–8 Mar 1965); {Burkill}; British economic botanist & ethnographer; assistant in herbarium at Royal Bot Garden, Kew 1897–99; dir of bot garden in Calcutta 1901–12 & of Singapore bot gardens 1912–25; explored & collected in Japan & se Asia 1895, in India 1901–12 & in Malaysia Peninsula 1912–25; Linnean Medal 1952;

Book [1936–39] *An Account of the Genus Dioscorea in the East* [w D Prain] Kew, Eng; Eng;

desc species:

(Dioscorea) **hemicrypta** (Western Cape) 1952,
(Icomum) **lineare** (s central Africa) 1900 —> **Aeollanthus subacaulis** var **linearis** by PO Ryding 1986;

transfer species:

"Dioscorea brevipes" (J Burt Davy 1924) —> **Dioscorea sylvatica** var **brevipes** 1952,
"Dioscorea rehmannii" (JG Baker 1912) —> **Dioscorea sylvatica** var **rehmannii** 1952,
"Testudinaria paniculata" (RA Dummer 1912) —> **Dioscorea sylvatica** var **paniculata** 1952.

Burki, [Bürki] Martin;

Book [c1989] *Mehr Freude Durch Kakteen* = "More Joy by Kakteen" [w O Hansli] Basel; 224p w over 100 color photos.



† **Burman**, [Burmannus, Burmann,] (Prof) (Dr med) Johannes [Jan] (26 Apr 1706–20 Jan 1779); {Burm.}; Dutch physician & botanist; student of H Boerhaave at Leiden Univ; prof of botany & dir of bot garden at Univ of Amsterdam, Netherlands 1727–77; friend & correspondent w C Linnaeus; worked on newly disc succ from Cape; spouse

Adriana [née van Buuren] Burman; son NL Burman;

Book [1737] *Thesaurus Zeylanicus* Amsterdam, Netherlands; Latin; 266p w 110 plates,

[1738] *Decades of Rare African Plants*; included 8 succ Euphorbias,

[1738–39] *Rariorum Africanarum Plantarum* Amsterdam; (Dutch ?); 268p; 10 Vols in 1, w 100 leaves of plates; an early work devoted to S African plants; listed 791 items collected at Cape by P Hermann; (drawings by H Claudius & others),

[1758] *Plantarum Americanarum Fasciculus Octavus* Amsterdam; Latin; 10p;

desc genus:

Moringa (Namibia) 1737;

species nah:

(Sarcocaulon) **burmanni** (desc & nah by R Sweet 1826);

desc species:

(Mesemb) **bellidiformis** (Namaq to Western Cape) 1768 → **Dorotheanthus bellidiformis** by NE Brown 1929,
(Tetragonia) **lanceolata** (RSA) 1768.



† **Burman**, [Burmennus, Burmann,] (Prof) (Dr med) Nicolaas [Nicolaus] Laurens [Laurent] (27 Dec 1734–11 Dec 1793); {Burm.f. or Burm.fil.}; Dutch physician & botanist; succeeded his father as prof of botany at Athenaeum Illustre of Amsterdam, Netherlands 1769~; father J Burman; spouse Anna Maria [née Verkolje] Burman (7 Jun 1753–Oct 1810);

Book [1768] *Prodromus Florae Capensis*; included what is now known as ‘Euphorbia burmanni’;

desc genus:

Zaleya (tropical to subtropical worldwide) 1768;

species nah:

(Arthrothamnus) **burmannii** (Cape) (desc & nah by JF Klotzsch 1860) → **Euphorbia burmannii** by PE Boissier 1860;

desc species:

(Cotyledon) **caryophyllacea** (Western Cape) 1768 → **Adromischus caryophyllaceus** by C Lemaire 1852,
(Cotyledon) **grandiflora** (Northern Cape, Western Cape) 1768 → **Tylecodon grandiflorus** by HR Tolken 1978,
(Cotyledon) **ventricosa** (Cape) 1768 → **Tylecodon ventricosus** by HR Tolken 1978,
(Geranium) **hirtum** (Western Cape) 1759 → **Pelargonium hirtum** by NJ von Jacquin 1793,
(Geranium) **lobatum** (Western Cape) 1759 → **Pelargonium lobatum** by CL L'Heritier 1789,
(Geranium) **longifolium** (Western Cape) 1759 → **Pelargonium longifolium** by NJ von Jacquin 1791,
(Geranium) **proliferum** (Western Cape) 1759 → **Pelargonium proliferum** by EG von Steudel 1841,
(Ornithogalum) **cepaceum** (Western Cape) 1768 → **Bulbine cepacea** by DO Wijnands 1991;

transfer species:

“Trianthema decandra” (C Linnaeus 1767) → **Zaleya decandra** 1768;

transfer variety:

(Aloe perfoliata var) **vera** (C Linnaeus 1753) → **Aloe vera** 1768.

Burmeister, Eunice E; Petrusville;

variety nah:

(Lithops aucampiae var) **euniceae** (Northern Cape) (desc & nah by HW de Boer 1966 & disc by HA Horn 1963) → **Lithops aucampiae** ssp **euniceae** by DT Cole 1988.



† **Burnat**, Émile (21 Oct 1828–31 Aug 1920); {Burnat}; Swiss engineer, industrialist & amateur botanist;

desc species:

(Sempervivum) **burnatii** (France) 1906 → **Sempervivum montanum** ssp **burnatii** by A von Hayek 1922.



† **Burrage**, Guy Hamilton (14 Jun 1867–16 Jun 1954); US Naval Officer; Class of 1887 graduate of US Naval Academy, Annapolis, Maryland; commander of US Steamer “Albatross” on 1911 Amer Museum of Natural History expedition to Baja Calif w botanist JN Rose; Vice-Admiral in

command of US Naval Forces in Europe 1926–28; Commander of USS Memphis that brought Charles Lindberg & his *Spirit of St Louis* plane back to US in 1927 after Lindberg solo, record-setting flight across Atlantic Ocean from NYC to Paris, France; spouse Mary [née Ricketts Graham] Burrage (11 Sep 1867–17 Feb 1959);

species nah:

(Fouquieria) **burragei** (Baja Calif) (desc & nah by JN Rose 1911).

Burret, Françoise;

Book [1980] *Contribution à la Biochimie Flavonique de Cactées et d'Euphorbes xérophytiques* Lyon, France; French; 12p.

† **Burser**, (Prof) (Dr med) Joachim (1583–28 Aug 1639); {Burser}; Ger physician & botanist; physician in Annaberg ≈1625; prof in medicine & botany at Ritter-Academy, Sorö, Denmark 1625~; compiled a herbarium '*Hortus Siccus*' of 3,000 specimens bound in 23 volumes (an important source of plant names used later by C Linnaeus);

genus nah:

Bursera (US, Mex into S Amer) (desc & nah by C Linnaeus 1763).

Burton, Christine M (1953–); {C.M.Burton}; US founder & editor of journal *The Hoya* 1979~;

Book [1981] *Hoyas I Know and Love* Atlanta, Georgia; Eng; 52p;

desc species:

(Hoya) **tsangii** (China, Philippines) 1991 (na P Tsang).



† **Burton**, [née Kannemeyer,] Helen Marie Rousseau (1878–1973); RSA amateur naturalist & collector; founding member of Bot Soc of RSA; first volume of *Flowering Plants of Africa* dedicated to her; spouse Henry Burton;

species nah:

(Delosperma) **burtoniae** (Cape) (desc & nah by HML Bolus 1928),

(Ruschia) **burtoniae** (Little Namaq, Western Cape) (desc & nah by HML Bolus 1931).

† **Burton**, [later Caldwell,] Mary **Gwendolyn** (22 May 1917–18 Jun 2005); {Burton}; US botanist; interested in fungi & lichens; spouse Harmon White Caldwell (29 Jan 1899–15 Apr 1977);

Book [1974] *Deserts* London, Eng; Eng; 119p.



† **Burt**, Bernard Dearman (14 Jun 1902–8 Jun 1938); {Burt}; British entomologist & botanist; studied natural sciences at Univ of Wales, Aberystwyth & at Univ of Reading; worked at Kew 1922-25; district reclamation officer in Tanganyika (Tanzania) 1925; worked as survey botanist w CFM Swynnerton in Tsetse Research Dept in Tanganyika 1936~; collector of aloes; FLS 1933;

cousin of J Burt Davy;

disc species:

(Monadenium) **gracile** (Tanzania) 1931 (desc by PRO Bally 1959),

(Monadenium) **petiolatum** (Tanzania) 1932 (desc by PRO Bally 1959),

(Stapelia) **semota** (Rwanda, Kenya, Tanzania) 1933 (desc by NE Brown 1933) —> **Orbea semota** by LC Leach 1975.



†**Burt**, Brian [Bill] Laurence (27 Aug 1913–30 May 2008); {B.L.Burt}; British botanist & taxonomist; BScat London Univ 1936; botanist at Kew 1930–51 & at Royal Bot Garden, Edinburgh 1951–75; explored in RSA, Malawi & tropical Asia; Fellow of Royal Soc of Edinburgh 1954; VMH 1971; Linnean Medal 1981; first spouse Joyce [née Daughtry] Burt; second spouse

OM Hilliard;

Book [1987] *The Botany of the Southern Natal Drakensberg* [w OM Hilliard] Kirstenbosch, RSA; 253p;

disc species

(Albuca) **batteniae** [w OM Hilliard] (Eastern Cape) 1985 (na AU Batten),

(Brachystelma) **ngomense** [w OM Hilliard] (Natal) (desc by RA Dyer 1977);

desc subsp:

(Aloe boylei ssp) **major** [w OM Hilliard] (Natal) 1985.



†**Burt Davy**, (Dr) Joseph (7 Mar 1870–20 Aug 1940); {Burt Davy}; British botanist, agriculturist, sylviculturist, ecologist & agrostologist; to US 1892–1903 as a research student of botany at Univ of Calif; to RSA as botanist & agrostologist at Transvaal Dept of Agriculture, Pretoria 1903–13; founder of National Herbarium in Pretoria, RSA 1903; farmer 1913~; back to Eng 1919;

PhD from Cambridge Univ, Eng 1925; FLS 1903; spouse Alice [née Bolton] Davy, artist;

Book [1912] *First Check-List of the Flowering Plants & Ferns of the Transvaal & Swaziland* [w R Pott]

Pretoria, RSA (pub in Annals of Transvaal Museum), [1926–32] *A Manual of the Flowering Plants & Ferns of the Transvaal, Swaziland, South Africa* London, Eng; in 2 Parts; (w section by NE Brown on Mesembs & some line drawings by his spouse;

[1926] Part 1; 271p,

[1932] Part 2; 256p;

Parts 3&4 never pub due to his death;

species nah:

(Aloe) **davyana** (Free State, North-West, Gauteng, Limpopo, Natal) (desc & nah by S Schonland 1904)

—> **Aloe greatheadii** var **davyana** by HF Glen & DS Hardy 1987,

(Delosperma) **davyi** (Transvaal) (desc & nah by NE Brown 1926),

(Euphorbia) **davyi** (North-West, Botswana) (desc & nah by NE Brown 1915 & disc by JWC Kirk c1900),

(Schizoglossum) **davyi** (Mpumalanga) (desc & nah by NE Brown 1907) —> **Miraglossum davyi** by

FK Kupicha 1984;

disc species:

(Aloe) **castanea** (Mpumalanga, Gauteng, Limpopo) 1906 (desc by S Schonland 1907),

(Euphorbia) **clavigera** (Mozambique, Swaziland, Mpumalanga) c1910 (desc by NE Brown 1915);

desc species:

(Adenia) **fruticosa** (RSA) 1926,

(Adenia) **spinosa** (Botswana, Zimbabwe, RSA) 1926,

(Dioscorea) **brevipes** (Zimbabwe, Cape, Natal, Free State, Northern Prov) 1924 —> **Dioscorea sylvatica**

var **brevipes** by H Burkill 1952.

Burwitz, W;

Book [1982] *Kakteen und andere Sukkulente in fergeheizten Neubauwohnungen Cottbus*; 32p.



†**Buscalioni**, Luigi (30 Jan 1863–23 Jan 1954); {Buscal.}; Italian botanist; dir of Gussonea alpine bot garden at Catania, Italy 1906–23; dir of bot garden at Palermo 1923–28; botanist at Univ of Bologna 1928~; collected in Ethiopia & Amazonia;

desc species:

(Corallocarpus) **tenuissimus** [w RC Muschler] (Zimbabwe) 1913.

† **Busch**, (Dr) Phyllis S (6 Oct 1909–14 Jul 1999); US biologist & writer of children books on botanical subjects: PhD in science education at NY Univ 1959;

Book [1979] *Cactus in the Desert* NY; 34p; (illustrator Harriett Barton).



Busek, [Bušek,] Josef (fl. 1986); Czech to Munich

desc species:

(Thelocactus) **lausseri** [w J Riha] (Coahuila) 1986 (disc by A Lausser & nah).

† **Busse**, (Dr) Walter Carl [Karl] Otto (1865–1933); {Busse}; Ger botanist; PhD at Freiburg Univ, Ger 1892; agricultural official in Ger East Africa; explored in Ger East Africa 1900–01, Java 1902–03, Cameroon & Togo 1904; FLS 1933; cousin J Burt Davy;

species nah:

(Aloe) **bussei** (Tanzania) (desc & nah by A Berger 1908),

(Sesamothamnus) **busseanus** (Ethiopia, Somalia, Kenya, Tanzania) (desc & nah by HGA Engler 1902);

disc species:

(Euphorbia) **bussei** (Tanzania) 1900 (desc & nah by FA Pax 1903),

(Euphorbia) **isacantha** (Tanzania, Malawi) 1901 (desc by FA Pax 1904),

(Euphorbia) **quadrialata** (Tanzania) 1900 (desc by FA Pax 1903).

Busser, Herman;

Book [1989] *Veldnummers Steven Brack (Met Standplaats, Zaaen Kultuurtips en Bijzonderheden* [w R Maijer] Venray, Netherlands; Dutch; 59p; (rev 1995; 95p).

[1992] *Cactaceae* Gouda, Netherlands; Dutch; 23p,

[1992] *Succulenten op Postzegels* Gouda; Dutch; 74p,

[1993] *Cactussen die Niemand Herkent* Gouda; Dutch; 21p,

[1993] *De Uitspraak van de Namen van Onze Succulenten* Gouda; Dutch; 33p.



Butler, Alan James (8 Aug 1946–); British businessman & nurseryman; BA in business and languages at West London College, London 1967; worked in export sales & marketing at management level 1968–2004; to Italy 2003–2013; to Spain 2013~; co-partner in Brookside Nursery 1981~ in Hitchin, UK, in 3 other UK locations & in Rome, Italy; explored in Arabia, east Africa, Chile & many other countries; founding member, chairman & editor of *International Sansevieria Soc* 2000–2015; chairman & founding member of *International Euphorbia Soc* 2005–2008; chairman & editor of *International Asklepiad Soc* late 2015~; representative in *Haworthia Soc* in Italy; lecturer on succ plants in 5 languages & travel to meetings in many countries; interested in Dracaenaceae (Sansevieria), Aloaceae & Euphorbiaceae 1981~;

disc species:

(Kleinia) **butleri** [w G Lauchs] (Oman) (desc & nah by JJ Lavranos & TA McCoy 2004);

desc species:

(Sansevieria) **bacularis** [w SM Jankalski] (Zaire) 2010.

Butschkow, Peter;

Book [1992] *Kakteen (Ein fröhliches Wörterbuch für alle Kakteenliebhaber)* [w H Antesberger] München, Ger; 96p.



† **Butterfield**, (Prof) Harry Morton (19 Nov 1888 –12 Apr 1970); US horticulturist; founding member of Calif Horticultural Soc & past pres; MS at Univ of Calif 1916; horticulturist & floriculturist at U.C. Agricultural Extension Division, Berkeley, Calif 1920~; Echeveria hybridizer; spouse Mary [née McCurdy] (–1957);

Book [1962] *C&OS for the Home Gardener* Berkeley, Calif; Eng; 7p.

Butterwick, Mary Lois (fl. 1970–94); {Butterw.}; ; US botanist; works for Bureau of Land Management at Phoenix District Office;

Book [1985] *Brady Pincushion Cactus (Pediocactus bradyi) Recovery Plan* [w BG & AM Phillips III] Albuquerque, New Mex; 68p,

[1986] *Nichol Turk's Head Cactus (Echinocactus horizonthalonius var nicholii) Recovery Plan* [w TR van Devender, TC Gibson, CJ May & P Olwell] Albuquerque, New Mex; 68p.

† **Buttner**, [Büttner, Buettner,] (Prof) (Dr) Oscar [Oskar] Alexander Richard (28 Sep 1858–1927); {Büttner}; Ger botanist & ornithologist; collected in Angola & Zaire 1884–86; plant collector, prof & head of research station in Togo 1890–91; prof in Ger 1892~;

species nah:

(Aloe) **buettneri** (Benin, Ghana, Mali, Nigeria, Togo) (desc & nah by A Berger 1905).



† **Buxbaum**, (Prof) (Dr) **Franz** (25 Feb 1900–7 Feb 1979); {Buxb.}; Austrian botanist, theorist, phylogenist & taxonomist; researcher in plant anatomy, morphology & physiology; PhD at Univ of Graz, Austria 1922; assistant prof of botany to R von Wettstein at Vienna Univ, Austria 1923–26; teacher at Bundesrealgymnasium Fürstenfeld 1930; prof at Bundesrealschule Judenburg 1949; venia docendi on systematic botany at Univ of Graz 1954–68; worked on Cactaceae 1968~; founding member of IOS 1950; CSSA Fellow award 1969; prolific writer; specialist in Cactaceae & Liliaceae; drawings by spouse Friedl Buxbaum of his plants;

Book [1950] *Die Phylogenie du Nordamerikanischen echinocacteen* = “The Lifelines of the N Amer Echinocacti”; Ger; 60p,

[1951–55] *Morphology of Cacti* Pasadena, Calif; (w line drawings by spouse Fiedl Buxbaum);

[1951] Part 1; Eng; 87p;

[1953] Part 2; Eng; 83p;

[1955] Part 3; Eng; 53p,

[1955] *Die Pflanzenfamilie der Kakteen* [w J Endler] Minden, Ger; Ger; (reprints 1966 & 1974),

[1956–75] *Die Kakteen* [w H Krainz & W Andreae] Stuttgart, Ger; Ger; (Vol 1–11, in 63 parts of 16p each),

[1958] *The Phylogenetic Division of the Subfamily Cereoideae, Cactaceae*; Eng; 39p; (from Madrono, Vol 14, issue 6, journal),

[1958] *Cactus Culture Based on Biology* London, Eng; Eng version translated by V Higgins; 224p,

[1959] *Kakteen-Pflege Biologisch Richtig* = “Cactus Culture Based on Biology” Stuttgart, West Ger; Ger; 224p; (1962 reprint 329p),

[1961] *Die Entwicklungslinien der Tribus Pachycereae (Cactaceae-Cereoideae)* Jena, Ger ; Ger; 107p; (from Botanische Studien, Vol 12, journal),

[1965] *Pflanzen Familie der Kakteen* [w J Engler] Minden, Ger; Ger; 160p,

[1980] *Kakteenleben, Eine Biologische Plauderei für Jeden Naturfreund* = “Cactus Life, Biological Conversation for my Nature Friend” Minden, Ger; Ger; 96p;

genus nah:

Neobuxbaumia (desc & nah by C Backeberg 1938);

desc genera:

Buiningia (Minas Gerais) 1971 (na AFH Buining) (syn of Coleocephalocereus BACKEBERG),

Cumarinia (Mex) 1951,

Espostoopsis (Bahia) 1968,

Leptocladodia 1954 (syn of Mamm HAWORTH),

Mammilloidia (Mex) 1951,

Normanbokea [w L Kladiwa] 1969 (na NH Boke) (syn of Turbinocarpus BUXBAUM & BACKEBERG),

Oehmea 1951 (syn of Mamm HAWORTH),

Praecereus (S Amer) 1968,

Pseudomammillaria 1951 (syn of Mamm HAWORTH),

Pseudomitrocereus [w H Bravo-Hollis] (Mex) 1961 (syn of Pachycereus B&R),

Pseudopilocereus (Minas Gerais, Bahia) 1968 (syn of Pilosocereus BYLES & ROWLEY),

Rapicactus [w H Oehme] 1942 (syn of Turbinicarpus BUXBAUM & BACKEBERG).

Turbinicarpus [w MFH Backeberg] (Mex) 1937;

species nah:

(Coleocephalocereus) **buxbaumianus** (Minas Gerais) (desc & nah by AFH Buining 1974);

desc species:

(Notocactus) **buiningii** (Brazil) 1968 (disc by AFH Buining 1966 & nah) —> **Parodia buiningii** by NP Taylor 1987;

transfer species:

“Cactus viviparus” (T Nuttall 1813) —> **Escobaria vivipara** 1951,

“Cephalocereus blossfeldiorum” (E Werdermann 1937) —> **Espostoa blossfeldiorum** 1959,

“Cephalocereus guentheri” (w W Kupper 1931) —> **Espostoa guentheri** 1959,

“Cereus apiciflorus” (A Weberbauer 1903) —> **Corryocactus apiciflorus** 1963,

“Cereus aragonii” (FAC Weber 1902) —> **Stenocereus aragonii** 1961,

“Cereus aureus” (FJF Meyen 1833) —> **Corryocactus aureus** 1963,

“Cereus beneckeii” (CG Ehrenberg 1844) —> **Stenocereus beneckeii** 1961,

“Cereus dumortieri” (MJF Scheidweiler 1837) —> **Stenocereus dumortieri** 1961,

“Cereus dybowski” (R Roland-Gosselin 1909) —> **Espostoopsis dybowski** 1968,

“Cereus griseus” (AH Haworth 1812) —> **Stenocereus griseus** 1961,

“Cereus hollianus” (FAC Weber 1896) —> **Pachycereus hollianus** 1961,

“Cereus philippii” (EA von Regel 1882) —> **Austrocactus philippii** [w F Ritter] 1963,

“Cereus queretaroensis” (A Mathsson 1891) —> **Lemaireocereus queretaroensis** 1961.

“Cereus striatus” (TS Brandegee 1891) —> **Peniocereus striata** 1975,

“Cereus thurberi” (GT Engelmann 1854) —> **Stenocereus thurberi** 1961,

“Coryphantha hesteri” (Y Wright 1932) —> **Escobaria hesteri** 1951,

“Coryphantha odorata” (F Boedeker 1930) —> **Cumarinia odorata** 1951,

“Eccremocactus rosei” (MW Kimnach 1962) —> **Weberocereus rosei** 1978,

“Echinocactus aurantiacus” (FKJ Vaupel 1913) —> **Matucana aurantiaca** 1973,

“Echinocactus pruinosus” (LKG Pfeiffer 1837) —> **Stenocereus pruinosus** 1961,

“Echinocactus schmiedickeanus” (F Boedeker 1928) —> **Turbinicarpus schmiedickeanus** [w C Backeberg] 1937,

“Escobesseyia duncanii” (JP Hester 1945) —> **Escobaria duncanii** 1960,

“Gymnanthocereus altissimus” (F Ritter 1959) —> **Browningia altissima** 1965,

“Lemaireocereus eichlamii” (NL Britton & JN Rose 1920) —> **Stenocereus eichlamii** 1961,

“Lemaireocereus martinezii” (J Gonzalez Ortega 1928) —> **Stenocereus martinezii** 1961;

“Lemaireocereus montanus” (NL Britton & JN Rose 1920) → **Stenocereus montanus** 1961,
 “Lemaireocereus quevedonis” (J Gonzalez Ortega 1928) → **Stenocereus quevedonis** 1961.
 “Lemaireocereus standleyi” (J Gonzalez Ortega 1929) → **Stenocereus standleyi** 1961,
 “Mamm candida” (MJF Scheidweiler 1838) → **Mammilloidya candida** 1951,
 “Neocardenasia herzogiana” (C Backeberg 1949) → **Neoraimondia herzogiana** [w H Krainz] 1967,
 “Rhipsalis epiphylloides” (PC Porto & E Werdermann 1935) → **Hatiora epiphylloides** 1957,
 “Ritterocereus chacalapensis” (H Bravo-Hollus & TB MacDougall 1957) → **Stenocereus chacalapensis** 1961,
 “Strombocactus pseudomacrochele” (C Backeberg 1935) → **Turbinicarpus pseudomacrochele** [w C Backeberg] 1937,
 “Thelocactus lophophoroides” (E Werdermann 1934) → **Turbinicarpus lophophoroides** [w C Backeberg] 1937,
 “Werckleocereus imitans” (MW Kimnach & PC Hutchison 1956) → **Weberocereus imitans** 1978,
 “Wilcoxia zopilotensis” (J Meyran 1969) → **Peniocereus zopilotensis** 1975.

Byalt, (Prof) (Dr) Vyacheslav V (fl. 1995); {V.V.Byalt}; Russian botanist; prof of Komarov Bot Institute, Petersburg, Russia; IOS member 2000;

desc species:

(Sedum) **abchasicum** (Caucasus) 1998,
 (Sedum) **kimnachii** 1999 (na MW Kimnach),
 (Sedum) **vietnamense** (Vietnam) 2001;

transfer species:

“Sedum uralense” (FJ Ruprecht 1854) → **Hylotelephium uralense** 1998;

desc subsp:

(Pseudosedum ferganense ssp) **parvum** [w RV Kamelin] (Kyrgyzstan) 1999;

transfer variety:

“Sedum bracteatum var emarginatum” (SH Fu 1965) → **Sedum oligospermum** var **emarginatum** 2001.

Byl, — See DS van der **Bijl**.



† **Byles**, Ronald [Ronnie] Stewart (1923–1989); {Byl.}; Eng businessman, artist & botanist; early member of London Branch of NCSS 1945-82 & Fellow 1956; IOS member 1953; explored in Africa & India during World War II years;

Book [1957] *A Dictionary of Genera & Subgenera of Cactaceae* Nottingham, Eng; Eng; 33p; (contents first appeared in NCSS journal 1954–56);

desc genus:

Pilosocereus [w GD Rowley] (Mex, Central Amer, West Indies, S Amer, Florida) 1957;

species nah:

(Pygmaeocereus) **bylesianus** (Peru) (desc & nah by W Andreae & C Backeberg 1957);

desc species:

(Pilosocereus) **floccosus** [w GD Rowley] (Minas Gerais) 1957 (disc by AC Brade 1934);

transfer species:

“Cactus lanuginosus” (C Linnaeus 1753) → **Pilosocereus lanuginosus** [w GD Rowley] 1957,
 “Cactus polygonus” (C de Lamarck 1783) → **Pilosocereus polygonus** [w GD Rowley] 1957,
 “Cactus royeri” (C Linnaeus 1753) → **Pilosocereus royeri** [w GD Rowley] 1957,
 “Cephalocereus collinsii” (NL Britton & JN Rose 1923) → **Pilosocereus collinsii** [w GD Rowley] 1957,
 “Cephalocereus purpusii” (NL Britton & JN Rose) **socereus ulei** [w GD Rowley] 1957.

† **Byrnes**, Edward M (–22 Jan 1926); US; superintendent of gardens & grounds at USDA in Washington DC;

genus nah:

Byrnesia (desc & nah by JN Rose 1922) (syn of *Graptopetalum* ROSE);

species nah:

(*Echeveria*) **byrnesii** (México) (desc & nah by JN Rose 1905 & disc by JN Rose & JH Painter 1903)

—> ***Echeveria secunda*** fa **byrnesii** by

MW Kimnach 1998.

Byron, MH;

Book [1959] *Sansevieria Planting Machinery* [w R Hellwig] DC; Eng; 26p.

Bywater, Marie (1951–); {M.Bywater}; British researcher at Kew;

desc species:

(*Crassula*) **hedbergii** [w GE Wickens] (Yemen, Ethiopia) 1980 (na KO Hedberg);

transfer species:

“*Crassula coleae*” (JG Baker 1895) —> ***Crassula volkensii* ssp *coleae*** [w GE Wickens] 1980,

“*Crassula pharnaceoides*” (FEL von Fischer & CA von Meyer 1841) —> ***Crassula alata* ssp**

pharnaceoides [w GE Wickens] 1980,

“*Tillaea minutissima*” (CJF Skottsberg 1916) —> ***Crassula minutissima*** [w GE Wickens] 1984,

“*Tillaea saginoides*” (CJI Maximowicz 1880) —> ***Crassula saginoides*** [w GE Wickens] 1984;

“*Tillaea venezuelensis*” (JA Steyermark 1957) —> ***Crassula venezuelensis*** [w GE Wickens] 1984,

“*Tillaea viridis*” (S Watson 1888) —> ***Crassula viridis*** [w GE Wickens] 1984.

“*Tillaeastrum longipes*” (JN Rose 1911) —> ***Crassula longipes*** (w GE Wickens) 1984,

“*Tristicha phascoides*” (AHR Grisebach 1879) —> ***Crassula phascoides*** 1985.

transfer subsp:

“*Crassula pharnaceoides* ssp *rhodesica*” (H Merxmuller 1951) —> ***Crassula rhodesica*** [w GE Wickens]

1980.

C

Caballero, Javier;

Book 1994] *Etnobotánica Mixteca : Sociedad, Cultura y Recursos Naturales en la Montaña de Guerrero* =

"Etnobotánica Mixteca: Natural Soc, Culture & Resources in the Mountain of Guerrero, Mex" [w JL Viveros & A Casas] Mex City; Spanish; 366p.



† **Cabat**, Erni (7 Jul 1914–9 Nov 1994); US artist; graduate at Mechanics (Art) Institute & Cooper Union Institute in 1930s; artist in Tucson, Arizona (Cabat Studios); photographer in books below; spouse Rose Cabat, a ceramic artist;

Book 1984–85] *Arizona C&S* [w text by RG Engard] Tucson, Arizona;

[1984] Book 1; Eng; 32p w 10 color plates;

[1985] Book 2; Eng; 32p,

[1989] *The flowering southwest (wildflowers, cacti & succ in Arizona, Calif, Colorado, Nevada, New Mex, Texas & Utah)* [w text by RG Engard] Tucson, Arizona; Eng; 119p.

Cabonell, Eduardo; Spain;

Book [2007] *Books on Succulents 2: Aeonium & Houseleeks* Barcelona, Spain, Spanish & Eng; 235p w color photos each p.

Caboun, V;

Book [1982] *Rod Astrophytum* Czech Rep; Czech; 25p w 44 figures.

† **Cabra**, Alphonse (30 Jul 1862–30 May 1932); Belgium Lieutenant General; explored in Congo Free State & Ger East Africa; spouse Berthe [née Gheude] Cabra;

disc species:

(Asclepias) **cabrae** (Zambia, Zaire, Angola, Tanzania, Mozambique) c1903 (desc & nah by EAJ de Wildeman 1904) —> **Glossostelma cabrae** by DJ Goyder 1995.



† **Cabrera**, (Prof) (Dr) Angel Lulio (19 Oct 1908–8 Jul 1999); {Cabrera}; Spain to Argentina 1925; Argentinean botanist; PhD at Univ of Silver 1931; prof of agronomy at Univ of Buenos Aires; dir of Intituto Darwinian; founder of Argentinean bot soc; editor of journal Darwinian; had a large private library of S American flora books;

species nah:

(Calandrinia) **cabreræ** (Argentina, Chile) (desc & nah by DCS Anon 1980) —> **Cistanthe cabreræ** by IE Peralta 1993;

disc species:

(Cereus) **uruguayanus** (Argentina, Brazil, Uruguay) 1965 (desc by R Kiesling 1982)
—> **Cereus hildmannianus** ssp **uruguayanus** by NP Taylor 1998.

Cady, Leo I (1931–); {Cady}; Australian automotiv mechanic, botanical artist & photograprer; specialist in orchids;

Book [1974] *A Guide to Growing C&S in Australia* Kiama, Australia; Eng; 32p.

Caero, Zegarra (fl. 1958); Ger promoter of cactus exploration in Bolivia;

species nah:

(Gymnocalycium) **zegarrae** (Bolivia) (desc & nah by M Cardenas 1958) —> **Gymnocalycium pflanzii** ssp **zegarrae** by GJ Charles 2005.

Cahill, Lawrence W;

Book [1953] *C&S* [w PJ Panting] London, Eng; Eng; 102p,

[1974] *C&S* [w PJ Panting] Yorkshire, Eng; Eng; 184p.

Calderon, EM;

Book [1889] *Breve Estudio Sobre el Cultivation de Maguey* Mex City; 45p.

Calderon, G — see GC de Rzedowski.

Caldwell, (Dr) Roger Lee; US chemist; PhD at Univ of Arizona, Tucson 1966;

Book [1966] *A Biochemical Investigation of Callus Tissue in the Saguaro Cactus (Carnegiea gigantea {Engelmann} Br. & R.)* Tucson, Arizona; Eng; 135p; (PhD thesis).



Calhoun, Scott; US in Tucson, Arizona; garden designer & author of gardening books;

owner of *Zona Gardens*;

Book [2005] *Yard Full of Sun: The Story of a Gardener's Obsession that got a little out of Hand* Tucson, Arizona; Eng; 127p,

[2009] *Hot Pots: Container Gardening in the Arid Southwest* [w L Hassler] Tucson, Arizona; Eng; 127p,

[2012] *The Gardener's Guide to Cactus* Portland, Oregon; Eng; 228p w 166 color photos.

Calix de Dios, [Cáliz de Dios,] Hector [Héctor] (fl. 2005); {Cáliz}; Mex botanist w MS degree; coordinator of Agroecology degree program at Universidad Intercultural Maya de Quintana Roo, Mex ≈2011;

desc subsp:

(*Hylocereus undatus* ssp) **luteocarpus** (Quintana Roo) 2005 (disc by RC Martinez 2001).



†**Callander**, James Harvey (1867–1933); Peterborough, Ontario, Canada; newspaper advertiser, horticulturist & greenhouse owner; one of first cactus enthusiasts of Canada; established The Callander Cactus Company in Springfield, Ohio, c1890; back to Peterborough 1906 w his cactus company; member of Peterborough Horticultural Soc; pub cactus catalogue; purchased AA Blanc's original woodcuts c1906 & sold them to Shiner Cactus Nursery, Laredo, Texas 1931;

Book [1906] *Cactus Culture for Amateurs* Springfield, Ohio; Eng; 40p; (illustrated w 142 Blanc woodcuts & 33 black & white halftones),

[1927] *Cacti, Succulents & their Culture* Peterborough; Eng; 22p; (illustrated w halftones & a few Blanc woodcuts)

[1928] *Supplement to Cactus Catalogue* Peterborough; Eng; 8p; (6½p of Blanc woodcuts).

†**Calleja**, FM;

Book [1895] *Explotaciur de los Textiles y Especialmente de los Agaves* Mex City; 116p.

†**Calvino**, M; Mex;

Book [1912] *El Agave de Aguamiel* Mex City; 65p,

[1921] *De Zapupe Vincent (Agave)* Mex City; 49p.

†**Cambessedes**, [Cambessèdes,] Jacques (26 Aug 1799–20 Dec 1863); {Cambess.}; French naturalist & botanist; on expedition to study flora of Balearic Islands, off the coast of Valencia, France;

desc species:

(*Portulaca*) **hirsutissima** (Brazil) 1829.

†**Cameron**, Kenneth J (1862–26 Jan 1918); Scotland to Malawi; secretary of & planter for African Lakes Corporation in Malawi 1890–1903; collected succ in Malawi 1894-99 & 1905 & at Cape 1913;

species nah:

(*Euphorbia*) **cameronii** (Somalia) desc & nah by NE Brown 1911);

disc species:

(*Aloe*) **cameronii** (Malawi, Zambia, Mozambique, Zimbabwe) 1894 (desc & nah by WB Hemsley 1903),

(*Caralluma*) **caudata** (Zimbabwe, Tanzania, Zambia, Malawi, Mozambique) c1894 (desc by NE Brown

—> **Orbea caudata** by PV Bruyns 2001,

(*Synadenium*) **cameronii** (Malawi, Zimbabwe, Mozambique) (desc & nah by NE Brown 1901).

†**Camille**, (Mr) ? (fl. 1895);

species nah:

(*Trianthema*) **camillii** (Mada, Reunion) (desc & nah by EJ de Cordemoy 1895) —> **Zaleya camillii** by HEK Hartmann 2001.

Campbell-Barker, Theodore [**Theo**] Peter Julian (1943–); British pastor; degree at College of Art & Design, Warwickshire, Eng; spent some early years in India ≈ 1968; senior information officer in Malawi Government 1968–77; explored in Malawi, Kenya, Uganda, Ethiopia, Senegal, Gambia, Ghana, Nigeria Congo, Zambia, S West Africa, South Africa, Mozambique, Swaziland Lesotho, Tanzania, Botswana & Mada;

disc species:

(Aloe) **canis** (Malawi) 1973 (desc by SS Lane 2003).



† **Camper**, (Prof) (Dr med) Peter [Petrus] (11 May 1722–7 Apr 1789); {Camper}; Dutch physician, naturalist, anatomist, scientist, artist & patron of art in Groningen, Netherlands; PhD & MD at Univ of Leiden 1746; prof of medicine at Franeker Univ 1750–55 & Groningen Univ 1763–73; prof of anatomy & surgery at Athenaeum Illustre, Amsterdam 1755–61; interested in surgery, veterinary science, zoology, physicotheology, education, physiocracy & politics; spouse Johanna [née Bourboom] Camper (1722–1776);

Book [1749] Editor of *Amonitates Academicæ* [w C Linnaeus] Leiden; Latin; 610p w 15 engraved plates; (includes c&s in the Uppsala Bot Garden).



† **Camperio**, Manfredo (30 Oct 1826–29 Dec 1899); Italian traveler who made exploratory trips to Australia, India & Eritrea where he became a resident for a short time; spouse Marie [nee Siegfried] Camperio;

species nah:

(Aloe) **camperi** (Eritrea) (desc & nah by GA Schweinfurth 1894 & disc by GA Schweinfurth 1865).

† **Campos-Porto**, Paulo de (1 Sep 1889–6 Nov 1968); {Porto}; Brazilian gardener; worked in bot garden at Rio de Janeiro c1905 & dir 1934–61;

disc species:

(Rhipsalis) **campos-portoana** [w JN Rose] (Brazil) 1915 (desc & nah by A Lofgren 1918,

(Rhipsalis) **pacheco-leonis** [w JN Rose] (Rio de Janeiro) 1915 (desc by A Lofgren 1918 & na A Pacheco Leao);

desc species:

(Hariota) **herminiae** [w A Castellanos] (Brazil) 1941 (disc by P de Campos-Porto 1937 & na Herminia Castellanos) —> **Hatiora herminiae** by WA Barthlott 1987,

(Rhipsalis) **epiphylloides** [w E Werdermann] (Brazil) 1935 (disc by him 1925) —> **Hatiora epiphylloides** by F Buxbaum 1957;

desc variety:

(Hariota epiphylloides var) **bradei** [w A Castellanos] (Brazil) 1941 (na AC Brade) —> **Hatiora epiphylloides** ssp **bradei** by WA Barthlott & NP Taylor 1995.

† **Camus**, Giulio [Jules] (1 Jun 1847–25 Jan 1917); {Camus}; French botanist & entomologist; prof at Univ of Turin, France;

desc species:

(Sedum) **stevenianum** [w GCC Rouy] (Caucasia) 1901 (na C von Steven) —> **Phedimus stevenianus** by H 't Hart 1995.



† **Candolle**, (Prof) (Dr) Alphonse Louis Pierre Pyramus de (27 Oct 1806–4 Apr 1893); {A.DC.}; Swiss lawyer, phytogeographer, taxonomist & ethnobotanist; LLD at Univ of Genève, Switzerland 1829; prof at Académie de Genève 1829–35; succeeded father as dir of Conservatoire Botanique at Geneva 1835–50; prolific writer; helped complete *Prodromus Systematis Naturalis Regni Vegetabilis* (w son, ACP de Candolle), after father's death; Linnean Medal 1889; father AP de Candolle; son AC de Candolle;

Book [1867] *Lois de la Nomenclature Botanique* = "Laws of Bot Nomenclature" Paris, France; 64p; (first formal code of bot nomenclature adopted by first International Bot Congress held in Paris), [1883] *Origines des Plantes Cultivées* = "Origin of Cultivated Plants"; French; 377p; (1885 edition in Eng; 468p);

desc genus:

Jacaratia (Mex to Argentina) 1864;

desc species:

(Begonia) **grisea** (Minas Gerais) 1859.



† **Candolle**, (Dr hc) Anne Casimir Pyrame [Pyramus] de (20 Feb 1836–3 Oct 1918); {C.DC.}; Swiss naturalist & botanist; honorary degrees from Univ of Rostock, Geneva, Aberdeen & Uppsala; helped complete *Prodromus Systematis Naturalis Regni Vegetabilis* w father after grandfather's death; father ALP de Candolle & grandfather AP de Candolle; spouse Anne-Mathilde [née Marcet] Candolle;

desc genus:

Entandrophragma (Tropical Africa) 1894;

desc species:

(Peperomia) **balansana** (Brazil, Paraguay, Argentina, Bolivia) 1882,

(Peperomia) **macrandra** (s Mex) 1898,

(Peperomia) **parvifolia** (Peru, Bolivia, Argentina) 1866,

(Peperomia) **seleri** (Peru) 1920 (na GE Seler),

(Peperomia) **sprucei** (Peru, Ecuador) 1866 (na R Spruce),

(Peperomia) **villipetiola** (Peru, Ecuador) 1914.



† **Candolle**, (Prof) (Dr med) Augustin Pyrame [Pyramus] de (4 Feb 1778–9 Sep 1841); {DC.}; Swiss botanist, physician & naturalist; worked w FWH Humboldt & C de Lamarck in Paris, France 1796; MD at Paris medical faculty 1804; prof of botany & dir of Bot Garden at Univ of Montpellier, France 1808–16; founder & dir of Museum of Natural History & Conservatoire Botanique at Geneva, Switzerland 1817–35; liked a natural system of classification (as opposed to C Linnaeus' artificial system); introduced the word 'taxonomy' 1813 to desc the science of classification; much of his plant taxonomy work was taken from earlier works by AL de Jussieu & French zoologist Georges Cuvier (1769–1832); son ALPP de Candolle; grandson AC de Candolle; spouse Mademoiselle [née Torras] Candolle;

Book [1799–1829] *Plantarum Historia Succulentarum (Histoire des Plantes Grasses)* Paris, France; French; 3 Vols of 31 parts; 182p w illustrations by CL L'Heritier & 187 color plates by PJ Redoute,

[1813] *Théorie Élémentaire de la Botanique* = "Elementary Philosophy of Plants" Paris; 500p; (offered some nomenclatural rules on taxonomic methods),

[1813] *Catalogus Plantarum Horti Botanici Monspeliensis* Paris; French; 155p; (desc Agave, Aloe, Cactaceae, Euphorbia, Mesemb, Sedum, Sempervivum & Stapelia), 1824–1873] *Prodromus Systematis Naturalis Regni Vegetabilis* = "Treatise on Classification of Plant Kingdom" Paris; total of 17 Vols; (after his death in 1841

Vols 8–17 continued by son & grandson); Succ families & genera included in sections of following Vols w author in parenthesis if not AP de Candolle:

[1824] Vol 1, 748p; Adansonia, Bombax, Chorisia, Cissus & Geraniaceae;

[1828] Vol 3, 494p; Aizoaceae, Aizoon [sensu Aeonium], Cactaceae, Crassulaceae, Fouquieria, Portulacaria & Talinum;

[1830] Vol 4, 683p; Hydnophytum & Myrmecodia;

[1837] Vol 6, 687p; Senecio subgenus Kleinia;

[1844] Vol 8, 684p; Adenium & Apocynaceae (ALP de Candolle), Asclepiadaceae J Decaisne) & Pachypodium (ALP de Candolle),

[1848] Vol 12, 707p; Plectranthus (G Bentham);

[1862] Vol 15 (2.1), 188p; Euphorbia, Pedilanthus & Synadenium (PE Boissier & J Müller Argoviensis);

[1866] Vol 15 (2.2), 1,098; Jatropha & Pedilanthus (PE Boissier & J Müller Argoviensis);

[1868] Vol 16 (2.2), 531p; Welwitschia (M Filippo Parlatore (1816–1877));

[1869] Vol 16 (1), 491; Peperomia (Casimire Pyramus de Candolle) & Pilea ([?Hughes Algernon?] Weddell [?1819–1877?])

[1873] Vol 17, 492p; Dorstenia ALP de Candolle);

(**This book** [1824–1873] replaced C de Lamarck's classification system),

[1828–1838] *Collection de Mémoires Pour Servir à l'Histoire du Règne Végétal* Paris, France; (in 10 parts);

[1828] Part 2, on Crassulacées; 47p;

[1834] Part 8, on Cactées; 27p,

[1828] *Revue de la Famille des Cactées* = "The Review of the Family of Cacti" Paris; French; 119p; (reprint 1988 w 130p),

[1834] *Mémoire sur Quelques Espèces de Cactées, Nouvelles ou peu Connues* Homburg/Saar; 27p;

desc genera:

Dasystemon 1828,

Echeveria (s & eastern states of Mex, Central & S Amer) 1828 (na A Echeverria & disc by M Sesse),

Grammanthes 1828 (syn of Vauanthes HAWORTH),

Pachyrhizus (Amer tropics) 1825,

Pistorinia (Iberian peninsula) 1828 (na J Pistorini),

Sarcocaulon (Angola, Namibia, Cape, Little Namaq) 1826,

Tetilla (Chile) 1830,

Umbilicus (Mediterranean, Near East, central & western Europe, western Asia, Arabia, & n, central & eastern Africa) 1801;

species nah:

(Sedum) **candollei** (France, Spain, Portugal) (desc & nah by Raymond-Hamet 1929);

desc species:

(Anacampseros) **telephiastrum** (Western Cape) 1813,

(Cactus) **phyllanthoides** (Puebla, Veracruz) 1813 (disc by AJA Bonpland & FWH von Humboldt 1801)

—> **Disocactus phyllanthoides** by

WA Barthlott 1991,

(Calandrinia) **paniculata** (Peru) 1828 —> **Cistanthe paniculata** by MA Hershkovitz 1991,

(Cereus) **cinerascens** (Hidalgo, Queretaro, México) 1828 (disc by T Coulter c1827) —> **Echinocereus**

cinerascens by AC Lemaire 1868,

(Cereus) **extensus** (French Guiana, Guyana, Suriname) 1828 —> **Hylocereus extensus** by LH Bailey 1915

(Cereus) **jamacaru** (Brazil) 1828,

(*Cereus*) **marginatus** (Hidalgo, Queretaro, Guanajuato, México, Morelos, Puebla, Oaxaca, Colima, Michoacan Guerrero) 1828 (disc by T Coulter c1827) —> **Pachycereus marginatus** by NL Britton & JN Rose 1909,

(*Cereus*) **oxypetalus** (Guatemala, Chiapas, Veracruz) 1828 —> **Epiphyllum oxypetalum** by AH Haworth 1829,

(*Cereus*) **pentalophus** (Nuevo Leon, Guanajuato, San Luis Potosi, Hidalgo, Queretaro, Tamaulipas) 1828 (disc by T Coulter c1827)

—> **Echinocereus pentalophus** by AC Lemaire 1868,

(*Cereus*) **polylophus** (Hidalgo, Queretaro, Guanajuato, San Luis Potosi) 1828 (disc by T Coulter c1827)

—> **Neobuxbaumia polylopha** by C Backeberg 1938,

(*Cereus*) **setaceus** (Argentina, Brazil, Bolivia, Paraguay) 1828 —> **Hylocereus setaceus** by R Bauer 2003

(*Cereus*) **spinulosus** (Mex) 1828 (disc by T Coulter c1827) —> **Selenicereus spinulosus** by NL Britton & JN Rose 1909,

(*Cereus*) **undulosus** (Haiti, Dominican Rep) 1828 —> **Dendrocereus undulosus** by NL Britton & JN Rose 1925,

(*Cissus*) **tuberosa** (Mex) 1824,

(*Crassula*) **andegavensis** (Portugal, Spain, France, Corsica, Sardinia, Morocco) 1815 —> **Sedum andegavense** by NA Desvaux 1818,

(*Dorstenia*) **tropaeolifolia** (Tropical Africa),

(*Echeveria*) **gibbiflora** (state of Mex, Morelos, Michoacan, Oaxaca) 1828,

(*Echeveria*) **teretifolia** (Mex) 1828,

(*Echinocactus*) **crispatus** (Puebla, Oaxaca, Tlaxcala, Hidalgo, México) 1828 (disc by T Coulter c1827)

—> **Stenocactus crispatus** by AW Hill 1933,

(*Echinocactus*) **echidne** (Hidalgo, San Luis Potosi, Queretaro, Tamaulipas, Guanajuato, Nuevo Leon) 1834 (disc by T Coulter c1827) —> **Ferocactus echidne** by NL Britton & JN Rose 1922,

(*Echinocactus*) **glaucescens** (Hidalgo, Guanajuato, Queretaro, San Luis Potosi) 1829 (disc by T Coulter c1827) —> **Ferocactus glaucescens** by NL Britton & JN Rose 1922,

(*Echinocactus*) **histris** (Hidalgo to Jalisco, San Luis Potosi & Zacatecas) 1828 (disc by T Coulter c1827)

—> **Ferocactus histris** by GE Lindsay 1955,

(*Echinocactus*) **obvallatus** (Hidalgo, México, Queretaro, San Luis Potosi) 1828 —> **Stenocactus obvallatus** by AW Hill 1933,

(*Echinocactus*) **ornatus** (Hidalgo, Queretaro, San Luis Potosi, Guanajuato) 1828 (disc by T Coulter c1827) —> **Astrophytum ornatum** by NL Britton & JN Rose 1922,

(*Heliophila*) **glauc**a (Western Cape, Eastern Cape) 1821

(*Kalanchoe*) **spathulata** (Burma, China, Himalaya, India, Japan, Malaysia, Philippines, Taiwan, Thailand, Vietnam) 1801,

(*Kleinia*) **aizoides** (Western Cape) 1838 —> **Senecio talinoides** ssp **aizoides** by GD Rowley 1990,

(*Kleinia*) **crassulifolia** (Eastern Cape) 1838 —> **Senecio crassulifolius** by CH Schultz-Bipontinus 1845,

(*Kleinia*) **longiflora** (Tropical Africa) 1838 —> **Senecio longiflorus** by CH Schultz-Bipontinus 1845,

(*Kleinia*) **pinguifolia** (Northern Cape, Namibia) 1838 —> **Senecio pinguifolius** by CH Schultz-Bipontinus 1845,

(*Kleinia*) **talinoides** (Western Cape) 1838 —> **Senecio crassulifolius** by CH Schultz-Bipontinus 1845,

(*Mamm*) **compressa** (Hidalgo, Queretaro) 1828 (disc by T Coulter c1827),

(*Mamm*) **conoidea** (Texas, Mex) 1828 (disc by T Coulter c1827) —> **Neolloydia conoidea** by NL Britton & JN Rose 1922,

(*Mamm*) **cornifera** (Hidalgo, Queretaro, Guanajuato, Jalisco, San Luis Potosi, Zacatecas) 1828 (disc by

T Coulter c1827) —> **Coryphantha cornifera** by AC Lemaire 1868,
 (Mamm) **crinita** (San Luis Potosi, Hidalgo, Zacatecas, Queretaro, Guanajuato, Michoacan, Aguascalientes) 1829 (disc by T Coulter c1827),
 (Mamm) **disciformis** (Queretaro, Hidalgo) 1828 (disc by T Coulter c1827) —> **Strombocactus disciformis** by NL Britton & JN Rose 1922,
 (Mamm) **echinaria** (Hidalgo) 1828 (disc by T Coulter c1827) —> **Mamm elongata** ssp **echinaria** by DR Hunt 1997,
 (Mamm) **elongata** (Hidalgo) 1828 (disc by T Coulter c1827),
 (Mamm) **longimamma** (Hidalgo) 1828 (disc by T Coulter c1827),
 (Mamm) **octacantha** (Hidalgo, Queretaro, San Luis Potosi, Tamaulipas) 1828 (disc by T Coulter c1827)
 —> **Coryphantha octacantha** by NL Britton & JN Rose 1923,
 (Mamm) **sempervivi** (Hidalgo) 1828 (disc by T Coulter c1827),
 (Mesemb) **longistylum** (Northern Cape, Western Cape) 1804,
 (Mesemb) **violaceum** (RSA) 1801 —> **Lampranthus violaceus** by MHG Schwantes 1938,
 (Monsonia) **patersonii** (Namaq) 1824 (na W Paterson),
 (Opuntia) **kleiniae** (Texas, New Mex, Coahuila, Chihuahua, Durango, Nuevo Leon) 1928 (disc by T Coulter c1827) —> **Cylindropuntia kleiniae** by FM Knuth 1936,
 (Opuntia) **leptocaulis** (Arizona, New Mex, Oklahoma, Texas, Chihuahua, Coahuila, Durango, Nuevo Leon, Sonora, San Luis Potosi, Tamaulipas, Zacatecas) 1828 (disc by T Coulter c1827) —> **Cylindropuntia leptocaulis** by FM Knuth 1936,
 (Opuntia) **leucotricha** (Durango, Guanajuato, Hidalgo, Jalisco, Queretaro, San Luis Potosi, Zacatecas) 1828 (disc by T Coulter c1827),
 (Opuntia) **rosea** (Hidalgo, Mex, Puebla, Tlaxcala) 1828 —> **Cylindropuntia rosea** by C Backeberg 1958,
 (Othonna) **cakilifolia** (Northern Cape) 1838,
 (Othonna) **cuneata** (Western Cape) 1838,
 (Othonna) **retrorsa** (Northern Cape) 1838,
 (Othonna) **sedifolia** (Northern Cape, Namibia) 1838,
 (Pelargonium) **dichondrifolium** (Eastern Cape) 1824,
 (Pelargonium) **sidoides** (Eastern Cape, Free State, North-West, Gauteng, Mpumalanga) 1824,
 (Pelargonium) **viciifolium** (Western Cape) 1824,
 (Peperomia) **vestita** (Bolivia) 1899,
 (Pereskia) **horrida** (Peru) 1828 (disc by FWH von Humboldt & AJE Bonpland 1802),
 (Pereskia) **lychnidiflora** (Mex, Costa Rica, Guatemala, Haiti, Nicaragua, El Salvador) 1828,
 (Pereskia) **rotundifolia** (Oaxaca, México, Guerrero, Morelos, Puebla) 1828 —> **Pereskiopsis rotundifolia** by NL Britton & JN Rose 1907,
 (Pereskia) **zinniiflora** (Cuba) 1828,
 (Pteronia) **heterocarpa** (Western Cape) 1836,
 (Rogeria) **brasiliensis** (Angola) 1845 —> **Pterodiscus brasiliensis** by PFA Ascherson 1889,
 (Sedum) **amplexicaule** (France, Spain, Portugal, Algeria, Tunisia, Morocco) 1808,
 (Sedum) **brevifolium** (Spain, France, Portugal, Sardinia, Corsica, Morocco) 1808,
 (Sedum) **dendroideum** (Guatemala, s Mex) 1828,
 (Sedum) **ebracteatum** (Durango, Puebla, Oaxaca) 1828,
 (Sedum) **laxiflorum** (Canary Islands) 1828 —> **Monanthes laxiflora** by JFN Bornmuller 1906,
 (Sedum) **melanantherum** (Spain, Morocco) 1828,
 (Sedum) **praealtum** (central Mex, Guatemala) 1847 —> **Sedum dendroideum** ssp **praealtum** by RT Clausen 1959,
 (Sedum) **urvillei** (Hungary to Greece & Turkey) 1828 (na JSC d'Urville),

(Senecio) **aloooides** (Northern Cape, Namibia) 1838,
 (Senecio) **bojeri** (tropical Africa Ethiopia to Angola) 1837 (na W Bojer) —> **Crassodephalum bojeri** by FHE Robyns 1947,
 (Senecio) **bulbinifolius** (Northern Cape, Namibia) 1838,
 (Senecio) **canaliculatus** (Mada) 1837,
 (Senecio) **corymbiferus** (Northern Cape, Namibia) 1838,
 (Senecio) **cotyledonis** (Western Cape) 1838,
 (Senecio) **macroGLOSSUS** (Eastern Cape, Natal) 1838,
 (Senecio) **mesembryanthemoides** (Mada) 1838,
 (Senecio) **oxyriifolius** (Tropical Africa) 1838,
 (Senecio) **pyramidatus** (Eastern Cape) 1838,
 (Senecio) **scaposus** (Western Cape, Eastern Cape) 1838,
 (Sesuvium) **parviflorum** (Uruguay) 1828,
 (Stapelia) **lucida** (Cape) 1813 —> **Stapelia asterias** var **lucida** by NE Brown 1909,
 (Talinum) **napiforme** (central Mex) 1828,
 (Tetilla) **hydrocotylifolia** (Chile) 1830,
 (Tripteris) **polycephala** (Namibia Northern Cape) 1837 —> **Osteospermum polycephalum** by NT Norlindh 1943,
 (Umbilicus) **erectus** (Portugal, Italy, Turkey, Syria, Lebanon, Israel, Saudi Arabia, Africa) 1805,
 (Vasconcellea) **chilensis** (Chile) 1864 —> **Carica chilensis** by HMC Solms-Laubach 1889,
 (Vasconcellea) **parviflora** (Ecuador, Peru) 1864 —> **Carica parviflora** by HMC Solms-Laubach 1889;

transfer species:

“Cacalia cylindrical” (C de Lamarck 1785) —> **Othonna cylindrica** 1838,
 “Cactus bleo” (CS Kunth 1823) —> **Pereskia bleo** 1828,
 “Cactus micranthus” (CS Kunth 1823) —> **Rhipsalis micrantha** 1828,
 “Cactus portulacifolius” (C Linnaeus 1753) —> **Pereskia portulacifolia** 1828,
 “Cineraria praecox” (AJ Cavanilles 1795) —> **Senecio praecox** by 1838,
 “Cotyledon coccinea” (AJ Cavanilles 1793) —> **Echeveria coccinea** by 1828,
 “Cotyledon hispanica” (C Linnaeus 1753) —> **Pistorinia hispanica** 1828,
 “Cotyledon horizontalis” (G Gussone 1826) —> **Umbilicus horizontalis** 1828,
 “Cotyledon laciniata” (C Linnaeus 1753) —> **Kalanchoe laciniata** 1802,
 “Cotyledon parviflora” (RL Defontaines 1808) —> **Umbilicus parviflorus** 1928.
 “Crassula caespitosa” (AJ Cavanilles 1791) —> **Sedum caespitosum** 1828,
 “Echites bispinosum” (CV Linné 1781) —> **Pachypodium bispinosum** 1844,
 “Geranium chelidonium” MW Houttuyn 1779) —> **Pelargonium chelidonium** 1824,
 “Hoarea violiflora” (R Sweet 1822) —> **Pelargonium violiflorum** 1824;

desc variety:

(Rhipsalis cassytha var) **mauritiana** (tropical Africa, Mada, Comores, Mauritius, Seychelles, Sri Lanka) 1828 (disc by FW Sieber) —> **Rhipsalis baccifera** ssp **maurtiiana** by WA Barthlott 1987.

Caneyaro, Silvia; Spain;

Book [2006] *Aloe Vera* Madrid, Spain; Spanish; 96p.

† **Caniguer**, [Cañiguer], (Prof) (Fr) Juan (14 Nov 1912–4 Jun 1980); {Caniguer}; Bolivian (at Recoleta, Sucre) priest & botanist;

disc species:

(Rebutia) **caniguerii** (Chuquisaca) 1961 (desc & nah by M Cardenas 1964).



Canizares, (Dr) Susan (1960–); US writer of childrens books; Phd in language & literacy development from Fordham Univ;
Book [1998] *Cactus Names* New York, New York; Eng; 22pw color photos.

† **Cannell**, Henry Rumsby (1834–1914); British horticulturist; owner of nursery 1864~ in Woolwich, Eng & moved to Swanley, Eng; spouse Jane Elizabeth [née Bayne] (1834–);
Book [c1903] *Catalogue of C&S Plants* Swanley; Eng; 22p.

† **Cannell**, Ian Charles (12 Oct 1937–4 Dec 2004); Eng to Zimbabwe 1947; civil engineer & naturalist; BSc in civil engineering at Natal Univ 1957; civil engineer w Rhodesia/Zimbabwe Ministry of Roads 1957~; traveled & collected w LC Leach in botanical expeditions to Namibia & Angola 1967, Mozambique 1969, Angola & Namibia 1970; spouse Pat Cannell;

species nah:

(Aloe) **cannellii** (Mozambique) (desc & nah by LC Leach 1971),
 (Euphorbia) **cannellii** (Angola) (desc & nah by LC Leach 1974),
 (Monadenium) **cannellii** (Angola) (desc & nah by LC Leach 1973).



† **Cannon**, (Dr) Wm Austin (23 Sep 1870–16 Jan 1958); US botanist & plant physiologist; PhD at Columbia Univ, NYC 1901; prof at Carnegie Institute's Desert Bot Laboratory, Tucson, Arizona 1903-24 & at Stanford Univ, Stanford, Calif 1924~; explored in Algeria 1910, in Australia 1918, in RSA & Namibia 1921 & in Mex;

Book [1908] *The Topography of the Chlorophyll Apparatus in Desert Plants* DC; Eng; 42p w 10 leaves of plates; (pub w book is "The Induction, Development & Heritability of Fasciations" by AA Knox; 20p w 5 plates),

[1911] *The Root Habits of Desert Plants* DC; Eng; 96p,

[1916] *Distribution of the Cacti w Especial Reference to the Role Played by the Root Response to Soil Temperature & Soil Moisture*,

[1924] *General & Physiological Features of the Vegetation of the More Arid Portions of Southern Africa, with Notes on the Climatic Environment* DC; Eng; 159p; 31 leaves of plates.

† **Cantelow**, Herbert Clair (24 Jul 1875–17 Mar 1965); US businessman in Pacific Coast shipping industry; spouse Ella Dales [née Miles] Cantelow;

disc species:

(Lewisia) **cantelovii** (Calif, Nevada) 1941 (desc & nah by JT Howell 1942).

† **Capek**, Karel; Czech Rep;

Book [1929] *The Gardener's Year* Prague, Czech Rep; Czech; 160p w chapter on the cultivators of cacti; first Eng edition London 1931.

† **Caporn**, A St Clair (fl. 1915);

disc species:

(Mesemb) **capornii** (Little Namaq) (desc & nah by HML Bolus 1916) —> **Ruschia capornii** by HML Bolus 1958.

† **Capuron**, René Paul Raymond (20 Oct 1921–24 Aug 1971); {Capuron}; French forester & systematic botanist; studied agronomy & forests 1942–47; to Mada 1948~; inspector of hydrology & forestry in Mada; collected in Mada 1948~ & in Mauritius & Reunion 1968;

species nah:

(Cynanchum) **humbert-capuronii** (Mada) (desc & nah & H Humbert by SL Liede & U Meve 2001),
(Euphorbia) **capuronii** (Mada) (desc & nah by E Ursch & JD Leandri 1955),
(Senecio) **capuronii** (Mada) (desc & nah by J-H Humbert 1962);

desc species:

(Adansonia) **perrieri** (Mada) 1960 (na JMH Perrier de la Bathie),
(Delonix) **velutina** (Mada) 1968,
(Didierea) **trollii** [w WHH Rauh] (Mada) 1961 (na W Troll);

transfer species:

“Aprevalia floribunda” (HE Baillon 1884) —> **Delonix floribunda** 1968,
“Poinciana boiviniana” (HE Baillon 1883) —> **Delonix boiviniana** 1968,
“Poinciana decaryi” (R Viguier 1949) —> **Delonix decaryi** 1968,
“Poinciana tomentosa” (R Viguier 1949) —> **Delonix tomentosa** 1968.

Caralt, Fernando Riviere de — See **Riviere de Caralt**, Fernando.

† **Cardenas**, (Gen) Lazaro (21 May 1895–19 Oct 1970); Mex politician & military; civil servant in Michoacan; pres of Mex 1934–40; spouse Amalia [née Solórzano] Cardenas;

species nah:

(Neoevansia) **lazaro-cardenasii** (Michoacan, Guerrero) (desc & nah by JLR Contreras-Jimenez, J Jimenez Ramirez, CA Toledo Manzur & H Sanchez-Mejorada 1980) —> **Peniocereus lazaro-cardenasii** by DR Hunt 1991.



† **Cardenas**, [Cárdenas, Cárdenas Hermosa,] (Prof) (Dr) **Martín** (12 Nov 1899–14 Feb 1973); {Card.}; Bolivian botanist & historian; joined Mulford Biological Exploration of Amazon Basin in Bolivia 1921–22 w HH Rusby; teacher of botany & chemistry in high schools & univ; prof of botany at Univ of San Simon, Cochabamba 1949–68; collected in Bolivia; scholar of Bolivian Cactaceae; wrote journal articles; IOS member 1953; CSSA Fellow award 1971; spouse Dr Eulogia [née Claros] Cardenas, pharmacist & biochemist;

Book [1952] *Notas Cactologicas de Bolivia, El Genero Corryocactus en Bolivia Cochabamba*; 13p,

genus nah:

Neocardenasia (Bolivia) (desc & nah by C Backeberg 1949) (syn of Neoraimondia B&R);

desc genera:

Bolivicereus (Peru, Bolivia) 1951 (syn of Cleistocactus LEMAIRE),
Castellanosia (Bolivia) 1951 (na A Castellanos),
Samaipaticereus (Bolivia) 1952;

species nah:

(Gymnocalycium) **cardenasianum** (Bolivia) (desc & nah by F Ritter 1964 & disc by F Ritter 1953)
—> **Gymnocalycium spegazzinii** ssp **cardenasianum** by R Kiesling & D Metzinger 1996,
(Portulaca) **cardenasiana** (Bolivia) (desc & nah by CMD Legrand 1953),
(Sulcorebutia) **cardenasiana** (Cochabamba) (desc & nah by R Vasquez 1975 & disc by R Vasquez)
—> **Rebutia cardenasiana** by G Navarro 1996;

disc species:

(Corryocactus) **tarijensis** (Bolivia) 1952 (disc by him 1952),

(*Sulcorebutia*) **breviflora** (Cochabamba) 1963 (desc by C Backeberg 1966) —> **Rebutia breviflora** by DR Hunt 2002;

desc species:

(*Acanthorhipsalis*) **paranganiensis** (Cochabamba, La Paz) 1952 (disc by M Cardenas 1947) —> **Pfeiffera paranganiensis** by PV Heath 1994,

(*Aylostera*) **krugerae** (Cochabamba) 1957 (disc by AM Kruger 1954 & nah) —> **Rebutia krugerae** by C Backeberg 1959,

(*Bolivocereus*) **samaipatanus** (Santa Cruz B) 1951 (disc by A Corro 1949) —> **Cleistocactus samaipatanus** by DR Hunt 1987,

(*Castellanosia*) **caineana** (Cochabamba) 1951 (disc by him 1940s),

(*Cereus*) **vargasianus** (Peru) 1951 (disc by JC Vargus Calderon 1948 & nah),

(*Cleistocactus*) **ayopayanus** (Cochabamba) 1956 (disc by him 1949),

(*Cleistocactus*) **brookeae** (Bolivia) 1952 (disc by A corro 1949 & na WMA Brooke),

(*Cleistocactus*) **luribayensis** (Bolivia) 1956 (disc by him 1955), 2002,

(*Cleistocactus*) **rae** (Bolivia) 1957 (disc by him 1956),

(*Cleistocactus*) **tarijensis** (Bolivia) 1956 (disc by him 1952) —> **Cleistocactus hyalacanthus** ssp **tarijensis** by R Mottram 2002,

(*Echinopsis*) **colorubra** (Bolivia) 1957 (disc by him 1954),

(*Echinopsis*) **pamparuizii** (Bolivia) 1970 (disc by him 1968),

(*Echinopsis*) **rojasii** (Bolivia) 1951 (disc by him 1950),

(*Echinopsis*) **vallegrandensis** (Chuquisaca, Cochabamba, Santa Cruz) 1970 (disc by him 1957)

—> **Echinopsis bridgesii** ssp **vallegrandensis** by M Lowry 2005,

(*Frailea*) **chiquitana** (Bolivia) 1951 (disc by him 1950),

(*Gymnocalycium*) **chiquitanum** (Santa Cruz B) 1963 (disc by P Klinger),

(*Gymnocalycium*) **zegarrae** (Bolivia) 1958 (na Zegarra Caero) —> **Gymnocalycium pflanzii** ssp **zegarrae** by GJ Charles 2005,

(*Lobivia*) **caineana** (Bolivia) 1952 (disc by him 1950) —> **Echinopsis caineana** by DR Hunt 1991,

(*Lobivia*) **oligotricha** (Bolivia) 1963 (disc by him 1963) —> **Echinopsis oligotricha** by M Lowry 2005,

(*Parodia*) **ayopayana** (Cochabamba) 1951 (disc by him 1949),

(*Parodia*) **columnaris** (Cochabamba) 1951 (disc by him),

(*Parodia*) **comarapana** (Santa Cruz) 1951 (disc by him 1950),

(*Parodia*) **ocampo** (Cochabamba) 1955 (na E Ocampo & disc by him 1951),

(*Parodia*) **otaviana** (Chuquisaca, Cochabamba) 1963 (disc by him 1958),

(*Parodia*) **taratensis** (Cochabamba) 1964 (disc by him 1961),

(*Parodia*) **tuberculata** (Chuquisaca, Potosi) 1951 (disc by him 1949),

(*Pereskia*) **diaz-romeroana** (Santa Cruz, Cochabamba) 1950 (disc by him 1947 & na B Diaz Romero),

(*Rebutia*) **arenacea** (Cochabamba) 1951 (disc by E Rocha 1949),

(*Rebutia*) **canigueralii** (Chuquisaca) 1964 (disc by J Caniguer 1961 & nah),

(*Rebutia*) **glomeriseta** (Cochabamba) 1951 (disc by E Rocha 1949),

(*Rebutia*) **pulchra** (Chuquisaca) 1970 (disc by E Meneses 1969),

(*Rebutia*) **tiraquensis** (Cochabamba) 1957 —> **Rebutia steinbachii** ssp **tiraquensis** by DR Hunt 1997,

(*Rhipsalis*) **incachacana** (Bolivia) 1952 (disc by by him 1950) —> **Lepismuim incachacanthum** by WA Barthlott 1987,

(*Samaipaticereus*) **corroanus** (Santa Cruz B) 1952 (disc by JN Rose 1915 & na A Corro),

(*Samaipaticereus*) **inquisivensis** (Bolivia) 1957 (disc by him 1956) —> **Yungasocereus inquisivensis** by F Ritter 1980,

(Tephrocactus) **chichensis** (Argentina, Bolivia) 1952 (disc by him 1952) —> **Cumulopuntia chichensis** by EF Anderson 1999,

(Trichocereus) **camarguensis** (Chuquisaca) 1953 (disc by him 1952) —> **Echinopsis camarguensis** by H von Friedrich & GD Rowley 1974,

(Trichocereus) **randallii** (Bolivia) 1963 (disc by RB Randall & nah) —> **Echinopsis formosa** ssp **randallii** by M Lowry 2002,

(Trichocereus) **tunariensis** (Bolivia) 1959 (disc by him 1958) —> **Echinopsis tunariensis** by H Friedrich & GD Rowley 1974,

(Weingartia) **cintiensis** (Chuquisaca) 1958 (disc by him 1952) —> **Rebutia fidana** ssp **cintiensis** by DR Hunt 1997,

(Weingartia) **pulquinensis** (Santa Cruz B) 1951 —> **Rebutia neocumingii** ssp **pulquinensis** by DR Hunt 2003.



Cardiff, SW;

Book [1980] *The Effects of Commercial Harvesting of Mojave Yucca (Yucca schidigera) on Desert Bird Populations* [w LF LaPre]; 28p.

† **Carlson**, Raymond (1 Sep 1906–Jan 1983); US magazine editor & writer; graduate at Stanford Univ c1938; sixth editor of *Arizona Highway* magazine 1938–71;

Book [1954] *The Flowering Cactus* [w RC & C Proctor on text & photos] NYC; Eng; 96p w 81 color photos; (editor of).

Carlstrom, [Carlström,] Annette Lillian (1957–); {Carlstrom}; Swiss scientist working in Dept of Systematic Botany at Univ of Lund;

desc species:

(Sedum) **caricum** (Turkey, Greece) 1985 —> **Sedum eriocarpum** ssp **caricum** by H 't Hart 1996, (Umbilicus) **albido-opacus** (Greece) 1984.



† **Carnegie**, Andrew (25 Nov 1835–11 Aug 1919); Scotland to US 1848; railroad & steel mills industrialist; philanthropist & patron of some 2,800 libraries in US; founded Carnegie Institute of DC 1902 & nah, which covered all types of science; his endowment made possible NL Britton & JN Rose cactus monograph; spouse Louise [née Whitfield] Carnegie;

genus nah:

Carnegiea (Arizona, Calif, Sonora) (desc & nah by NL Britton & JN Rose 1908) (possibly first known by the Coronado Expedition 1540–42);

species nah:

(Sedum) **carnegiei** (Tibet) (desc & nah by Raymond-Hamet 1913).

† **Carnegie**, FG (fl. 1905–40); Pietermaritzburg, Natal, RSA pharmacist; collected in Natal;

disc species:

(Ceropegia) **fortuita** (Swaziland, Natal) c1940 (desc by RA Dyer 1944).

Carolyn, (Dr) Roger Charles (15 Oct 1929–); {Carolyn}; British to Australia 1955; Australian botanist, taxonomist & pteridologist; botanist at John Ray Herbarium, Univ of Sydney 1955–1989; PhD at Univ of Sydney 1961;

desc genus:

Schreiteria (Tucuman) 1985 (na R Schreiter);

transfer species:

“Calandrinia macrocarpa” (CL Spegazzini 1899) —> **Schreiteria macrocarpa** 1985,

“Calandrinia punae” (RE Fries 1905) —> **Talinum punae** 1985.



† **Carp**, Berend [Bernard] (17 Apr 1901–22 Jul 1966); Dutch to RSA 1948; horticulturist & owner of *Succulenta Nurseries* at Hout Bay, Cape; explored in RSA, Zimbabwe & Namibia; sponsored some of H Hall’s collecting trips 1950’s;

Book [1965] *Success w Succulents*; Eng; 32p;

species nah:

(Conophytum) **carpianum** (Cape) (desc & nah by HML Bolus 1954 & disc by H Hall 1953),

(Stoeberia) **carpii** (Namaq) (desc & nah by CH Friedrich 1960).



† **Carr**, Joyce (1921–2001); Australian horticulturist; owner of *Woodville Garden* specializing in epi (orchid) cacti for over 40 years; developed epi hybrids, e.g., 'Liberty Glow'; hybridizer of Schlumberger, Epiphyllum, Aporocactus, Hatiora w over 250 hybrids; awarded an

Order of Australia Medal in 1977 for her cactus hybridizing; spouse Alf Carr;

Book [2002] *Aporocactus, Orchid Cacti & Schlumbergera Hybrids*; Eng; 16p w 13 color photos.

† **Carr**, Wm Henry (1902–25 Oct 1985); US author & naturalist; associate curator of American Museum of Natural History in NY 1926–44; pres of Arizona Wildlife Federation;

Book [1947] *Desert Parade—a Guide to Southwestern Desert Plants & Wildlife* NYC; Eng; 96p; (photos by Marvin H Frost).



Carranza, [Carranza Pérez,] Miguel Agustin;

disc species:

(Agave) **ovatifolia** [w JA Villarreal & JA Encina] (Nuevo Leon) 2001 (desc by GD Starr & JA Villarreal 2002).

Carret, ?;

species nah:

(Mamm) **carretii** (Nuevo Leon) (desc & nah by K Schumann 1898).



† **Carriere**, [Carrière,] Élie-Abel (4 Jun 1818–17 Aug 1896); {Carrière}; French horticulturist; specialized on conifers 1850–70; head gardener at Museum Nationale d’Histoire Naturelle in Paris, France ≈1869;

desc species:

(Sansevieria) **canaliculata** (Mada) 1861,

(Yucca) **treculiana** (Texas, Nuevo Leon, Coahuila, Tamaulipas, Durango) 1858 (disc by AAL Trecul & nah).

† **Carrisso**, (Prof) (Dr) Luis [Louis] Wittnich [Wettnich] (14 Feb 1886–14 Jun 1937); {Carrisso}; Portuguese botanist & biologist; PhD at Univ of Coimbra 1911; prof at Univ of Coimbra 1912~; specialized in marine biology; collected in Angola 1927, 1929 & 1937; worked on flora of Angola; spouse Ana Maria [née Costa Pereira de Sousa] Carrisso;

species nah:

(Ceraria) **carrissoana** (Angola) (desc & nah by AW Exell & F de A Mendonca 1939).

Carruthers, Les (fl. 1974); {L.Carruth.}; GB; IOS member 1976;

Book [1973] *Echeverias—a Guide to Cultivation & Identification of the Popular Amer Succ* [w R Ginns] Edinburgh, Scotland; Eng; 110p w 24 color plates; a revision of R Ginns' 1968 Echeverias book;

desc species:

(Echeveria) **recurvata** (Venezuela) 1974.

† **Carson**, (Mr) ?; member of Swedish Rhodesia-Congo Expedition 1911–12;

species nah:

(Xysmalobium) **carsonii** (Angola, Zaire, Rwanda, Burundi, Zambia, Tanzania, Zimbabwe, Malawi, Mozambique) (desc & nah by NE Brown 1895) —> **Glossostelma carsonii** by AA Bullock 1952.

† **Carson**, Alexander (1850–28 Feb 1896); Scottish missionary; T Zambia 1886; collected in Tanzania 1888–95, Zambia 1896 & RSA;

(Monadenium) **fwambense** (Zambia) 1893 (desc by NE Brown 1911).



† **Carter**, (Miss) Beatrice Orchard (1889–Nov 1939); RSA botanical artist; artist at Bolus Herbarium, Cape Town, RSA 1926~ (upon death of MM Page); specialized in the Mesembs, especially Conophytums;

species nah:

(Delosperma) **carterae** (Cape) (desc & nah by HML Bolus 1935).



Carter, [Carter Holmes,] **Susan** (26 Jul 1933–); {S.Carter}; British botanist, taxonomist & author; BSc in botany at Univ of Birmingham 1955; MSc in botany at Univ of London 1957; bot taxonomist at Kew 1957–62 & 1971~; became Kew contact for PRO Bally; explored Euphorbias w PRO Bally in Kenya 1971 & in Tanzania & Kenya 1974; explored Euphorbias & Aloes w others in Kenya 1977, in Somalia 1981, 1985, 1986, in Sudan 1987, in Zimbabwe 1988, in Tanzania 1990, in Kenya & Tanzania 1992, & in Zimbabwe 1994; desc & desc many new taxa; IOS member 1976 & VP 1995–96; CSSA Fellow award 1989; Monaco Cactus d'Or award 1996; CSSA MKLA award 2015; spouse Denis Holmes;

Book [1982] *New Succ Spiny Euphorbias from East Africa* Kew; Eng; 118p,

[1988] *Euphorbia, Elaeophorbia, Monadenium, Synadenium & Pedilanthus sections in Euphorbiaceae Part 2 from Flora of Tropical East Africa*. [w AR Smith] Rotterdam, Netherlands; Eng; 156p,

[1993] *Euphorbia & Monadenium parts from Flora of Somalia*.

[1994] *Aloaceae* part from *Flora of Tropical East Africa* Rotterdam; Eng; 60p,

[1997] *The CITES Checklist of Succ Euphorbia Taxa (Euphorbiaceae)* [w U Eggli] Ger; Ger/French/Eng; 89p; (second edition 2003; 92p),

[2001] *Aloaceae & Euphorbiaceae parts from Flora of Zambesiaca*.

[2011] *Aloes: The Definitive Guide* [w CC Walker, LE Newton, JJ Lavranos] Kew, Eng; Eng; 719p w color photos each p;

species nah:

(Euphorbia) **carteriana** (Somalia) (desc & nah by PRO Bally 1964),

(Euphorbia) **holmesiae** (Somalia) (desc & nah by JJ Lavranos 1992),

(Euphorbia) **susan-holmesiae** (India, Sri Lanka) (desc by M Binojkumar & R Gopalan 1993);

desc species:

(Aloe) **albovestita** [w PE Brandham] (Somalia) 1983,

(Aloe) **brandhamii** (Tanzania) 1994 (na PE Brandham),
 (Aloe) **brunneostriata** [w JJ Lavranos] (Somalia) 1992 (disc by JJ Lavranos, FK Horwood, PRO Bally & R Melville 1973),
 (Aloe) **canarina** (Sudan, Uganda) 1994,
 (Aloe) **carnea** (Zimbabwe) 1996,
 (Aloe) **cheranganiensis** [w PE Brandham] (Kenya, Uganda) 1979,
 (Aloe) **citrina** [w PE Brandham] (Kenya, Ethiopia, Somalia) 1983,
 (Aloe) **congdonii** (Tanzania) 1994 (na C Congdon),
 (Aloe) **elata** [w LE Newton] (Kenya, Tanzania) 1994,
 (Aloe) **eumassawana** [w MG Gilbert & Sebsebe Demissew] (Eritrea) 1996 (disc 1972),
 (Aloe) **fimbrialis** (Tanzania, Zambia) 1996 (disc by DB Fanshawe 1964),
 (Aloe) **gillettii** (Somalia) 1994 (disc by JB Gillett & nah),
 (Aloe) **grisea** [w PE Brandham] (Somalia) 1983 (disc by PRO Bally 1954),
 (Aloe) **juvenna** [w PE Brandham] (Kenya) 1979,
 (Aloe) **leedalii** (Tanzania) 1994 (na GP Leedal),
 (Aloe) **morijensis** [w PE Brandham] (Kenya, Tanzania) 1979,
 (Euphorbia) **acervata** (Zimbabwe) 2000,
 (Euphorbia) **actinoclada** (Kenya, Ethiopia, Somalia) 1982 (disc by JB Gillett 1952),
 (Euphorbia) **adenochila** (Somalia) 1990,
 (Euphorbia) **adjurana** [w PRO Bally] (Ethiopia, Kenya) 1982 (disc by JB Gillett 1952),
 (Euphorbia) **amicorum** (Djibouti) 2001 (disc by FA de la Rue 1937/38 & na JJ Lavranos & LE Newton as amici (Latin, friends)),
 (Euphorbia) **ammophila** [w M Dioli] (Somalia) 2005 (disc by MI Thulin 2000),
 (Euphorbia) **asthenacantha** (Tanzania) 1982 (disc by GA Classen 1979),
 (Euphorbia) **atroflora** (Kenya) 1987,
 (Euphorbia) **atrox** (Somalia) 1992,
 (Euphorbia) **baioensis** (Kenya) 1982 (disc by JGL Powys & JO Evans 1976),
 (Euphorbia) **ballyi** (Somalia) 1963 (na PRO Bally),
 (Euphorbia) **baradii** (Somalia) 1992 (na GS Barad),
 (Euphorbia) **bariensis** (Somalia) 1992,
 (Euphorbia) **biharamulensis** (Tanzania) 1987,
 (Euphorbia) **bwambensis** (Uganda, Zaire) 1987,
 (Euphorbia) **calamiformis** [w PRO Bally] (Ethiopia, Somalia, Uganda, Kenya) 1985,
 (Euphorbia) **caloderma** (Tanzania) 2000,
 (Euphorbia) **cataractarum** (Zambia, Tanzania) 1987,
 (Euphorbia) **classenii** [w PRO Bally] (Kenya) 1974 (disc by GA Classen 1960 & nah),
 (Euphorbia) **colubrina** [w PRO Bally] (Ethiopia, Kenya) 1982 (disc by PRO Bally 1953),
 (Euphorbia) **cuprispina** (Kenya) 1987,
 (Euphorbia) **dasyacantha** (Somalia) 1992,
 (Euphorbia) **dauana** (Kenya) 1987,
 (Euphorbia) **dhofarensis** (Oman) 1992,
 (Euphorbia) **dichroa** (Uganda) 1982 (disc by WJ Eggeling 1936),
 (Euphorbia) **discrepans** (Tanzania) 1987,
 (Euphorbia) **dolichoceras** (Tanzania, Zambia, Malawi) 1980,
 (Euphorbia) **dumeticola** [w PRO Bally] (Tanzania) 1976 (disc by F Goetze c1900),
 (Euphorbia) **eilensis** (Somalia) 1992,
 (Euphorbia) **elegantissima** [w PRO Bally] (Tanzania) 1974 (disc by PRO Bally 1934),

(Euphorbia) **erigavensis** (Somalia) 1992,
 (Euphorbia) **etuberculosa** [w PRO Bally] (Somalia) 1985,
 (Euphorbia) **exilis**pina (Tanzania) 1987,
 (Euphorbia) **eyassiana** [w PRO Bally] (Tanzania) 1982 (disc by PRO Bally 1956),
 (Euphorbia) **fascicaulis** (Somalia) 1977,
 (Euphorbia) **fissispina** [w PRO Bally] (Ethiopia) 1987,
 (Euphorbia) **fluminis** (Kenya) 1982 (disc by PRO Bally 1943),
 (Euphorbia) **fractiflexa** [w JRI Wood] (Arabian Peninsula) 1982,
 (Euphorbia) **galgalana** (Somalia) 1992,
 (Euphorbia) **geldorensis** (Somalia) 1992,
 (Euphorbia) **gemmea** [w PRO Bally] (Kenya) 1982 (disc by JB Gillett 1952),
 (Euphorbia) **gillettii** [w PRO Bally] (Somalia) 1977 (na JB Gillett),
 (Euphorbia) **globulicaulis** (Somalia) 1990,
 (Euphorbia) **greenwayi** [w PRO Bally] (Tanzania) 1974 (disc by PJ Greenway 1969 & nah),
 (Euphorbia) **gymnocalycioides** [w MG Gilbert] (Ethiopia) 1984 (disc by D Riva & E Ruspoli 1893),
 (Euphorbia) **heterospina** (Uganda, Kenya) 1987,
 (Euphorbia) **horwoodii** [w JJ Lavranos] (Somalia) 1978 (disc by FK Horwood 1973 & nah),
 (Euphorbia) **iloitaii** [w A Powys] (Kenya) 2009 (disc by A Powys 2006),
 (Euphorbia) **immersa** [w PRO Bally] (Somalia) 1966,
 (Euphorbia) **imparispina** (Somalia) 1992,
 (Euphorbia) **johannis** (Somalia) 1992 (na JJ Lavranos),
 (Euphorbia) **kalisana** (Ethiopia, Kenya) 1982 (disc by LSB Leakey 1940),
 (Euphorbia) **laikipiensis** (Kenya) 1987,
 (Euphorbia) **lenewtonii** (Tanzania) 2000 (disc by LE Newton 1993 & nah),
 (Euphorbia) **leontopoda** (Somalia) 1992,
 (Euphorbia) **limpopoana** (Botswana, Zimbabwe, ne RSA) 2000,
 (Euphorbia) **lukoseana** (Tanzania) 2000,
 (Euphorbia) **magnicapsula** (Kenya, Tanzania) 1987,
 (Euphorbia) **makallensis** (Ethiopia) 1981 (disc by RT Wilson 1975),
 (Euphorbia) **margaretae** (Somalia) 1992 (disc by her 1981 & na M Johnson),
 (Euphorbia) **marsabitensis** (Kenya) 1982 (disc by PRO Bally 1963),
 (Euphorbia) **meenae** (India) 2000 (na Meena Singh),
 (Euphorbia) **meridionalis** [w PRO Bally] (Kenya, Tanzania) 1982 (disc by C van Someren 1931),
 (Euphorbia) **mitriformis** [w PRO Bally] (Somalia) 1976,
 (Euphorbia) **mosaica** [w PRO Bally] (Somalia) 1976 & disc by JJ Lavranos & R Bavazzano 1970,
 (Euphorbia) **multiclava** [w PRO Bally] (Somalia) 1974,
 (Euphorbia) **myrioclada** (Somalia) 1992,
 (Euphorbia) **odontophora** (Kenya) 1982 (disc by JJ Lavranos & LE Newton 1975),
 (Euphorbia) **orbiculifolia** (Oman) 1990,
 (Euphorbia) **pachyclada** (Somalia) 1992,
 (Euphorbia) **papilionum** (Somalia) 1992,
 (Euphorbia) **perarmata** (Somalia) 1992,
 (Euphorbia) **pervittata** (Kenya) 2000,
 (Euphorbia) **petraea** (Uganda) 1982 (disc by WJ Eggeling 1935),
 (Euphorbia) **petricola** [w PRO Bally] (Kenya) 1982 (disc by GF Scott-Elliott 1893),
 (Euphorbia) **phillipsioides** (Somalia) 1992,
 (Euphorbia) **plenispina** (Mozambique) 2000,

(Euphorbia) **ponderosa** (Somalia) 1992,
 (Euphorbia) **prona** (n Somalia) 1992,
 (Euphorbia) **pseudoburuana** [w PRO Bally] (Kenya, Tanzania) 1982 (disc by PRO Bally 1938),
 (Euphorbia) **quadrispina** (Kenya) 1982 (disc by PRO Bally & A Radcliffe-Smith 1972),
 (Euphorbia) **quaitensis** (Yemen) 1988,
 (Euphorbia) **reclinata** [w PRO Bally] (Tanzania) 1985,
 (Euphorbia) **reptans** [w PRO Bally] (Somalia) 1977,
 (Euphorbia) **rubriseminalis** (Yemen) 1988,
 (Euphorbia) **rubrispinosa** (Tanzania) 1982 (disc by AA Bullock 1950),
 (Euphorbia) **samburuensis** [w PRO Bally] (Kenya) 1982 (disc by G Adamson 1940),
 (Euphorbia) **saxorum** [w PRO Bally] (Kenya) 1974 (disc by RO Hennings 1952),
 (Euphorbia) **scarlatina** (Kenya) 1987,
 (Euphorbia) **scyphadena** (Somalia) 1990,
 (Euphorbia) **septentrionalis** [w PRO Bally] (Uganda, Kenya) 1974 (disc by (Mr) Hudson 1939),
 (Euphorbia) **sepulta** [w PRO Bally] (Somalia) 1976,
 (Euphorbia) **setispina** (Somalia) 1992,
 (Euphorbia) **similiramea** (Kenya, Tanzania) 1987,
 (Euphorbia) **songweana** (Tanzania) 2000,
 (Euphorbia) **subscandens** [w PRO Bally] (Kenya) 1982 (disc by J Adamson 1946),
 (Euphorbia) **sumati** (Kenya) 2000 (disc by J Adamson 1944),
 (Euphorbia) **taruensis** (Kenya) 1987 (disc by GA Classen 1975),
 (Euphorbia) **tescorum** (Uganda, Kenya, Ethiopia) 1982 (disc by J Adamson 1944),
 (Euphorbia) **turkanensis** (Kenya) 1982 (disc by J Stevens 1948),
 (Euphorbia) **umbonata** (Somalia) 1992,
 (Euphorbia) **uzmuk** [w JRI Wood] (Yemen) 1982,
 (Euphorbia) **venteri** [w RH Archer] (Botswana) 2001 (na F Venter),
 (Euphorbia) **vittata** (Kenya) 1982 (disc by ATA Ritchie 1940),
 (Euphorbia) **vulcanorum** (Kenya) 1982 (disc by J [Bally] Adamson 1942),
 (Monadenium) **catenatum** (Tanzania) 1987,
 (Monadenium) **elegans** (Tanzania) 1987,
 (Monadenium) **gillettii** (Somalia) 1993 (na JB Gillett),
 (Monadenium) **globosum** [w Bally] (Tanzania) 1987,
 (Monadenium) **lindenii** (Somalia) 1993 (na SL Linden),
 (Monadenium) **pedunculatum** (Tanzania, Zaire, Zambia, Malawi, Burundi) 1987,
 (Monadenium) **renneyi** (Kenya) 1987 (disc by A Renny & nah),
 (Monadenium) **rugosum** (Tanzania) 2000,
 (Monadenium) **spectabile** (Tanzania) 1987 (disc by P Ward 1936),
 (Monadenium) **spinulosum** (Zimbabwe, Mozambique, Malawi) 2000,
 (Synadenium) **calycinum** (Tanzania) 1987,
 (Synadenium) **glabratum** (Zambia, Tanzania) 1987;

transfer species:

"Aloe graminicola" (GW Reynolds 1953) → **Aloe lateritia** var **graminicola** 1994,
 "Euphorbia bilocularis" (NE Brown 1912) → **Euphorbia candelabrum** var **bilocularis** 1987,
 "Euphorbia kibwezensis" (NE Brown 1912) → **Euphorbia bussei** var **kibwezensis** 1987,
 "Euphorbia neovolkensis" (FA Pax 1904) → **Euphorbia nyikae** var **neovolkensis** 1987;

desc subsp:

(Aloe menyharthii ssp) **ensifolia** (Mozambique) 1996,

(*Aloe volkensii* ssp) **multicaulis** [w LE Newton] (Kenya, Tanzania, Uganda) 1994;
(*Euphorbia gillettii* ssp) **tenuior** (Somalia) 1977,
(*Euphorbia greenwayi* ssp) **breviaculeata** (Tanzania) 1987,
(*Euphorbia heterochroma* ssp) **tsavoensis** (Kenya) 1987,
(*Euphorbia heterospina* ssp) **baringoensis** (Kenya) 1987,
(*Monadenium ritchiei* ssp) **marsabitense** (Kenya) 1987,
(*Monadenium ritchiei* ssp) **nyambense** (Kenya) 1987;

desc variety:

(*Aloe ciliaris* var) **redacta** (Eastern Cape) 1990,
(*Aloe inyangensis* var) **kimberleyana** (Zimbabwe) 1996 (na MJ Kimberley),
(*Aloe secundiflora* var) **sobolifera** (Tanzania) 1994 —> **Aloe sobolifera** by E Wabuyele 2006,
(*Euphorbia breviarticulata* var) **trunciformis** (Kenya into Ethiopia) 1987,
(*Euphorbia gossypina* var) **mangulensis** (Zimbabwe) 2000,
(*Euphorbia magnicapsula* var) **lacertosa** (Uganda, Kenya) 1987,
(*Euphorbia proballyana* var) **multangula** (Tanzania) 2000,
(*Euphorbia tenuispinosa* var) **robusta** [w PRO Bally] (Kenya) 1987,
(*Monadenium pudibundum* var) **lanatum** (Zambia) 2000,
(*Synadenium compactum* var) **rubrum** (Kenya) 1987;

transfer variety:

"*Aloe rigens* var *glabrescens*" (GW Reynolds & PRO Bally 1958) —> **Aloe glabrescens** [w PE Brandham] 1983,
"Aloe schweinfurthii var *labworana*" (GW Reynolds 1956) —> **Aloe labworana** 1994,
"Monadenium montanum var *rubellum*" (PRO Bally 1959) —> **Monadenium rubellum** 1987,
"Monadenium rhizophorum var *stoloniferum*" (PRO Bally 1961) —> **Monadenium stoloniferum** 1987,
"Monadenium yattatum var *gladiatum*" (PRO Bally 1959) —> **Monadenium gladiatum** 1987;

transfer forma:

"Monadenium stapelioides fa *congestum*" (PRO Bally 1959) —> **Monadenium stapelioides** var **congestum** 1987.

† **Cartwright**, Alfred (10 Nov 1890–28 Jul 1924); British consul at Guayaquil, Ecuador; spouse Josefina de la [née Luz Chiriboga Velez] Cartwright (1891–10 Nov 1968);

species nah:

(*Lemaireocereus*) **cartwrightianus** (Ecuador, Peru) (desc & nah by NL Britton & JN Rose 1920 & disc by JN Rose 1918) —> **Armatoocereus cartwrightianus** by AW Hill 1938.

Carvajal, [Carvajal Hernández,] Servando (1955–); {Carvajal};

desc species:

(*Euphorbia*) **mcvaughii** [w IR Lomeli Gonzalez] (Jalisco) 1981.

Casas, Alejandro;

Book [1994] *Etnobotánica Mixteca : Sociedad, Cultura y Recursos Naturales en la Montaña de Guerrero* = "Etnobotánica Mixteca : Natural Soc, Culture & Resources in the Mountain of Guerrero, Mex" [w JL Viveros & J Caballero] Mex City; Spanish; 366p.

Casebolt, Florence;

Book [1952] *Button Gardens & Diminutive Arrangements*; 65p; (includes c&s).

† **Cason**, [née Earp] Mabel (7Mar 1892–25Apr 1965); US book author & artist; writer of children books; sister of Wyatt Berry Stapp Earp (1848–1929), the wild west man of Tombstone, Arizona;
Book [1940] *Desert Plants & Animals* [w O Arnold] Phoenix, Arizona; Eng; 94p.

† **Caspari**, (Dr) Hermann; Ger; PhD at Vereinigten Friedrichs' Universitat, Halle-Wittenber, Ger.
Book [1883] *Beiträge zur Kenntnis des Hautgewebes der Cacteen* Halle-Wittenberg; Ger; 53p; (thesis).

Cassels, Jean;

Book [1998] *Saguaro Cactus (Webs of Life)* [w P Fleisher]; Eng; c20p.



† **Cassini**, Alexandre **Henri** Gabriel de (9 May 1781–16 Apr 1832); {Cass.}; French botanist & naturalist; dir of Paris Observatory; specialized in Asteraceae family;

desc genus:

Gynura (old world tropics & subtropics) 1825.



Castaneda, [Castañeda,] Carmen González de; Mex; spouse M Castañeda;

species nah:

(Mamm) **carmenae** (Tamaulipas) (desc & nah by M Castaneda & C Nunez 1954).



† **Castaneda**, [Castañeda,] Marcelino [Marcello] (1873/74–1960); {Castañ.}; Mex civil engineer; collected in Tamaulipas, San Luis Potosi & Nuevo Leon; first spouse Consolacion [née Romero] Castaneda (c1874–c1940) & second spouse Carmen Castaneda;

desc genus:

Neogomesia (Tamaulipas) 1941 (na M Gomez) (syn of *Ariocarpus* SCHEIDWEILER);

disc species:

(Obregonia) **denegrii** [w AV Fric] (Tamaulipas) 1923 (desc by AV Fric 1925 & na R Denegri);

desc species:

(Mamm) **carmenae** [w C Nunez] (Tamaulipas) 1954 (na Carmen Castaneda),

(Neogomesia) **agavoides** (San Luis Potosi, Tamaulipas) 1941 (disc by him) → **Ariocarpus agavoides** by EF Anderson 1962.

Castaneda-Perez, Ana Dunia;

Book [1991] *El Nopal* [w D Granados-Sanchez] Mex City; Spanish; 227p w 57 color photos.

Castella, [Castellá,] Manuel T (fl 1974); Mex cactus hobbyist; pres of Sociedad Mexicana de Cactologia; co-dir at 9th CSSA convention in Mex City 1961;

disc species:

(Peniocereus) **castellae** (Colima, Jalisco, Michoacan) (desc & nah by H Sanchez-Mejorada 1974).

Castelli, Pietro — See **Aldinus**, Tobias.



† **Castellanos**, (Dr) **Alberto** (11 Dec 1896–5 Sep 1968); {A.Cast.}; Argentinian botanist & taxonomist; assistant to CL Spegazzini; DSc w thesis on Argentinian *Rhipsalis* at Univ of Buenos Aires 1925; collected in S Amer, Canary Islands, N Africa & Europe; prof of botany & dir of herbarium at Univ of Buenos Aires 1924–57; prof of botany at Univ de la Republica,

Montevideo, Uruguay; specialist on Argentina cacti; wrote journal articles; CSSA Fellow award 1941; IOS member 1955; spouse HV [née Lelong] Castellanos;

Book [1925] "*Rhipsalis*" *Argentinas (Cactáceas)* Buenos Aires, Argentina; Spanish; 26p; (reprint 2003 w 28p),
[1930] *Bromeliáceas y Cactáceas*; Spanish; 23p,
[1938] *Los Géneros de las Cactáceas Argentinas* [w HV Castellanos]; Spanish w bios in Eng; 416p,
[1938] *Catalogo de la Especies "Hariota" & "Rhipsalis" Brasilenas*; Spanish or Portuguese; 32p,
[1941] *Cactaceae 46p section in Contribucion a la Bibliografia Botanica Argentina, I* [w

RA Perez-Moreau] Tucuman, Argentina; Spanish; 549p,

[1957] *Revision de las Cactaceas Argentinas* Mendoza, Argentina; Spanish or Portuguese; 19p,

[1972] *Recopilacion de sus Publicaciones sobre Cactaceas* Buenos Aires, Argentina; Spanish; 385p;
(from C&SS of Argentina);

genus nah:

Castellanosia (Bolivia) (desc & nah by Cardenas 1951);

species nah:

(Gymnocalycium) **castellanosii** (La Rioja) (desc & nah by C Backeberg 1936 & disc by C Backeberg 1933);

desc species:

(Gymnocalycium) **ragonesei** (Catamarca) 1950 (disc by A Ragonesi 1949 & nah),

(Hariota) **herminiae** [w P de Campos-Porto] (Brazil) 1941 (disc by P de Campos-Porto 1937 & na Herminia Castellanos) —> **Hatiora herminiae** by WA Barthlott 1987,

(Lobivia) **schreiteri** (Argentina) 1930 (disc by him 1929 & na R Schreiter) —> **Echinopsis saltensis** ssp **schreiteri** by M Lowry 2003,

(Pterocactus) **araucanus** (Argentina) 1964 (disc by him 1945);

desc variety:

(Hariota epiphylloides var) **bradei** [w PC Porto] (Brazil) 1941 (na AC Brade) —> **Hatiora epiphylloides** ssp **bradei** by WA Barthlott & NP Taylor 1995.



† **Castellanos**, [née Lelong,] Herminia Violeta (20 Jan 1911–1 Feb 2010); Argentinian high school mathematics teacher; spouse A Castellanos;

species nah:

(Hariota) **herminiae** (Brazil) (desc & nah by P de Campos-Porto & A Castellanos 1940 & disc by P de Campos-Porto 1937) —> **Hatiora herminiae** by WA Barthlott 1987.

Castelli, Pietro—See **Aldinus**, Tobias.

† **Castello**, [Castello de Paiva,] Barão Antonio de (12 Oct 1806–4 Jun 1879); Portugese officer & naturalist; studied flora of Madeira Islands & Canary Islands;

species nah:

(Aeonium) **castello-paivae** (Canary Islands) (desc & nah by CA Bolle 1859).

† **Castelnau**, François Louis Nompard de Caumat de Laporte (15 Dec 1810–4 Feb 1880); {Castelnau}; French zoologist, entomologist & naturalist; explored in Canada 1837–41 & in S Amer from Peru to Brazil 1843–47; French consul in Bahia 1848, in Siam 1848–62 & in Melbourne, Australia 1864–77;

genus nah:

Laportea (Tropical & subtropical eastern Asia, Africa, Mada, eastern N Amer, Mex) (desc & nah by C Gaudichaud 1830).



† **Castetter**, (Prof) (Dr) **Edward** Franklin (11 Mar 1896–10 Feb 1978); {Castetter}; US ethnobotanist & taxonomist; prof at Univ of New Mex, Albuquerque, New Mex 1928~; researched & collected cacti of New Mex; CSSA Fellow award 1973;

Book [1937] *The Aboriginal Utilization of the Tall Cacti in the Amer SW* Albuquerque, New Mex ; Eng;

48p,

[1938] *The Early Utilization & The Distribution of Agaves in the Amer SW* [w W Bell & A Grove]

Albuquerque; Eng; 92p,

[1941] *The Utilization of Yucca, Sotol, & Beargrass by the Aborigines in the Amer SW* [w WH Bell]

Albuquerque; Eng; 74p; (from a Univ of New Mex bulletin on Ethnobiological Studies in the Amer Southwest);

transfer species:

“Coryphantha organensis” (DA Zimmerman 1972) —> **Escobaria organensis** [w KH Schwerin & P Pierce] 1975;

desc variety:

(Escobaria orcuttii var) **koenigii** [w P Pierce & KH Schwerin] (New Mex) 1975 (disc on Koenig ranch & na Koenig family),

(Escobaria orcuttii var) **macraxina** [w P Pierce & KH Schwerin] (New Mex) 1975 (disc by KD Heil 1973),.

Castillo, G;

disc species:

(Echeveria) **nebularum** [w H Iltis & G Cortes] (Veracruz, Oaxaca) 1951 (desc by RV Moran & MW Kimnach 2004).

Castillo Martinez, (Dr) Roberta (7 Jun 1959–); Mex; PhD 2002; prof at La Universidad de Quintana Roo, Mex;

disc subsp:

(Hylocereus undatus ssp) **luteocarpus** (Quintana Roo) 2001 (desc by H Calix de Dios 2005).

Castillo, E Drake del - See **Drake** del Castillo, E.

Castillon, Antoine; grandfather J-B Castillon;

species nah:

(Aloe) **antonii** (Mada) (desc & nah by J-B Castillon 2006 & disc by J-P Castillon 1995).

Castillon, Aurélien; Grandfather J-B Castillon;

species nah:

(Aloe) **aurelienii** (Mada) (desc & nah by J-B Castillon 2008 & disc by P Richaud c1990s).

Castillon, Bernadette (1941–); French primary school teacher 1971–90 & horticulturist in La Réunion; cultivator of Mada orchids 1975–90 & succ 1990~; spouse J-B Castillon;

species nah:

(Aloe) **bernadettae** (Mada) (desc & nah by J-B Castillon 2000 & disc by him 1999),

(Aloe) **castilloniae** (Mada) (desc by J-B Castillon 2006 & disc by J-P Castillon).

Castillon, Charlotte (1994–); grandfather J-B Castillon;

species nah:

(Aloe) **charlotteae** (Mada) (desc by J-B Castillon 2006 & disc by him 2005).

Castillon, Henry Martial; son J-B Castillon, grandson J-P Castillon;

species nah:

(Aloe) **martialii** (Mada) (desc & nah by J-B Castillon 2010 & disc by ST Malcomber & others 1992).



Castillon, (Prof) (Dr) Jean-Bernard (1940–); {J.-B.Castillon}; French chemist & mathematician; PhD in mathematics at Univ of Montpellier, France 1964; lecturer in mathematics at Univ of Montpellier 1964–71 & at Univ of La Reunion 1972–76, & prof at Univ of La Reunion 1976–2000; explored in Mada; spouse B Castillon; son J-P Castillon;

Book [2010] *Les Aloe de Madagascar* (=The Aloes of Madagascar) [w J-P Castillon] Ilde la Reunion, France; French/Eng; 400p w color photos;

[2011] *The Aloe of Madagascar — Addendum No. 1 June 2010 to October 2011* [w J-P Castillon]; French/Eng; 25p w illustrations in color comb bound;

species nah:

(Aloe) **bernardii** (Mada) (desc & nah by J-P Castillon 2011);

desc species:

(Aloe) **altimatsiatrae** (Mada) 2008 (disc by him 2007),
(Aloe) **ampefyana** (Mada) 2007 (disc by him 2006),
(Aloe) **andohahelensis** (Mada) 2002,
(Aloe) **antoetrana** (Mada) 2011 (disc by him 2010),
(Aloe) **antonii** (Mada) 2006 (disc by J-P Castillon 1995 & na Antoine Castillon),
(Aloe) **aurelienii** (Mada) 2008 (disc by P Richaud c1990s & na Aurelien Castillon),
(Aloe) **bernadettae** (Mada) 2000 (disc by him 1999 & na Bernadette Castillon),
(Aloe) **bosseri** (Mada) 2000 (disc by him & na JM Bosser),
(Aloe) **castilloniae** (Mada) 2006 (disc by J-P Castillon & na B Castillon),
(Aloe) **charlotteae** (Mada) 2006 (disc by him 2005 & na Charlotte Castillon),
(Aloe) **cyrillei** (Mada) 2004 (disc by him 2000 & na Cyrille Rakotonanahary),
(Aloe) **delicatifolia** (Mada) 2013 (disc by him 2013),
(Aloe) **ifanadianae** (Mada) 2008 (disc by him 2008),
(Aloe) **johannis** (Mada) 2006 (disc by him & na JJ Lavranos),
(Aloe) **johannis-philippe** (Mada) 2009 (disc by him c2001 & na Jean-Philippe Castillon),
(Aloe) **mandotoensis** (Mada) 2003 (disc by him 2001),
(Aloe) **martialii** (Mada) 2010 (disc by ST Malcomber & others 1992 & na H Martial Castillon),
(Aloe) **mitsioana** (Mitsio Island of Mada) 2006 (disc by C Misandeau 2005),
(Aloe) **newtonii** (Mada) 2009 (na LE Newton),
(Aloe) **sakoankenke** (Mada) 2004 (disc by him 2001),
(Aloe) **wernerii** (Mada) 2007 (disc by Werner HH Rauh 1961 & nah);

desc subsp:

(Aloe conifera ssp) **pervagata** (Mada) 2013 (disc by GW Reynolds 1955),
Aloe erythrophylla ssp) **major** (Mada) 2011 (disc by him 2010),
(Aloe fievetii ssp) **johannis-baptistei** (Mada) 2013 (disc by J-B Castillon 2012 & na Jean-Baptiste);

desc variety:

(Aloe trachyticola var) **multifolia** (Mada) 2004 (disc by P Bemou 2001).



Castillon, Jean-Philippe (1965–); {J.-P.Castillon}; French mathematician; prof of mathematics at Univ of La Reunion; father J-B Castillon;

Book [2010] *Les Aloe de Madagascar* [w J-B Castillon]; Eng/French; 400p;

species nah:

(Aloe) **johannis-philippe** (Mada) (desc & nah by J-B Castillon 2009 & disc by J-B Castillon c2001);

disc species:

(Aloe) **ambositrae** (Mada) 2007 (desc by J-B Castillon 2008),

(Aloe) **antonii** (Mada) (desc by J-B Castillon 2006 & na Antoine Castillon),

(Aloe) **castilloniae** (Mada) (desc by J-B Castillon 2006 & na B Castillon),

(Aloe) **mandotoensis** (Mada) 2001 (desc by J-B Castillon 2003);

desc species:

(Aloe) **bernardii** (Mada) 2011 (na J-B Castillon),

(Aloe) **mandrarensis** (Mada) 2012 (disc by him 2012),

(Aloe) **virginieae** (Mada) 2012 (disc by him 2012 & na V Castillon).

Castillon, Virginie; spouse J-P Castillon;

species nah:

(Aloe) **virginieae** (Mada) (desc & nah by J-P Castillon 2012 & disc by him 2012).



† **Castle**, R **Lewis** (1854–Oct 1922); British horticulturist; gardener in father's nursery; gardener & horticultural journalist at Kew 1874–77; manager of Nevill Court Gardens, Tunbridge Wells, Eng 1877–94; manager of Duke of Bedford's experimental fruit farm at Woburn 1894~; prolific writer on horticultural topics;

Book [1884] *Cactaceous Plants: Their History & Culture* London, Eng; Eng; 93p; (first Eng book devoted only to cactus); (1974 reprint w foreword & portrait; Eng; 93p).

Catarino, (Dr) Fernando M; Portugal; PhD at Faculdade de Ciências da Universidade de Lisboa, Lisbon, Portugal 1968; dir of bot garden at Univ of Coimbra, Portuga

Book [1968] *Endopoliploidia e Diferenciação. Indução Experimental de Endopoliploidia em Lobularia maritima* (L.) Desr. *E. Bryophyllum Crenatum* Bak. Lisbon, Portugal; Portuguese; 283p; PhD thesis.

Catrix, Jean-René; French Canadian horticulturist;

Book [1988] *Passion de Cactus* Quebec, Canada; Eng; 207p; (w illustrations by Thérèse Ayrinhac).



Cattabriga, (Dr) Andrea; Italy; IOS member 1988 & editor of IOS Bulletin 2005~;

Book [1992] *Handbook for the Identification of Cactaceae & Other Succ* [w M Sajeva, A Orlando & E Oddo] Bologna, Italy; Italian/Eng; 32p,

[1994] *Threatened Cacti of Mex* [w EF Anderson, NP Taylor & S Arias Montes] Kew, Eng; Eng;

135p.



† **Cavanilles**, (Dr) Antonio José [Joseph] (16 Jan 1745–4 May 1804); {Cav.}; Spanish priest & taxonomic botanist; PhD in theology at Univ of Valencia 1766; to Paris, France 1777–81; dir of bot garden in Madrid, Spain 1801~;

desc species:

(Agave) **spicata** (Mex) 1802,

(Bombax) **grandiflorum** (Brazil) 1788 —> **Pseudobombax grandiflorum** by FHE Robyns 1963,

(Cactus) **speciosus** (Honduras, Guatemala, Mex, Nicaragua, El Salvador) 1803 —> **Disocactus speciosus** by WA Barthlott 1991,

(Cineraria) **praecox** (Mex) 1795 —> **Senecio praecox** by AP de Candolle 1838,

(Cotyledon) **coccinea** (Hidalgo, Puebla, Oaxaca, Chiapas) 1793 —> **Echeveria coccinea** by AP de Candolle 1828,

(Crassula) **caespitosa** (Europe, Africa, Turkey, Syria, Iran) 1791 → **Sedum caespitosum** by AP de Candolle 1828,
 (Geranium) **articulatum** (Western Cape) 1787 → **Pelargonium articulatum** by KL von Willdenow 1800,
 (Geranium) **exstipulatum** (Western Cape) 1787 → **Pelargonium exstipulatum** by CL L'Heritier 1789,
 (Geranium) **lanceolatum** (Western Cape) 1787 → **Pelargonium lanceolatum** by JS von Kerner 1822,
 (Geranium) **minimum** (Namibia, RSA) 1787 → **Pelargonium minimum** by KL von Willdenow 1800,
 (Salmia) **ebracteata** (India) 1795 → **Sansevieria ebracteata** by CR Suresh 1988.



† **Cave**, Yvonne; New Zealand photographer & horticulturist; lives on farm near Wanganui, New Zealand; photographer & illustrator of number of major gardening books; Fellow of Photographic Soc of New Zealand;

Book [1997] *The Succ Garden : A Practical Gardening Guide* Portland, Oregon; Eng; 104p w 118 color photos, [2003] *Succ for the Contemporary Garden* Portland; Eng; 176p w 350 color photos.

† **Cayla**, Léon Henri Charles (17 Nov 1881–25 Apr 1965); French governor-general in Mada 1930–41; **species nah:**

(Pelargonium) **caylae** (Mada) (desc & nah by J-H Humbert 1936).



† **Cecil**, [née Tyssen-Amherst,] Alicia Margaret (30 Jul 1865–14 Sep 1941); British gardener, flower painter & author; collected & painted specimen plants at Cape, Natal & Mozambique 1899, Rhodesia 1900, Ceylon, Australia, New Zealand 1901 & Canada 1927; dir of horticulture at Chelsea Physic Garden in London 1917-19; invested as a Dame of Grace, Order of St. John of

Jerusalem & as a Member 1918 & Commander 1920, Order of the British Empire; spouse Evelyn Cecil, first Baron Rockley (1865–1941);

Book [1895] *A History of Gardening in England* London, Eng; Eng; 393p w bibliography of 2 unknown book(lets?) by R Bradley; (w illustrations by (Lady) Victoria Manners);

species nah:

(Xysmalobium) **ceciliae** (Angola, Zambia, Zaire, Tanzania, Zimbabwe) (desc & nah by NE Brown 1902) → **Glossostelma ceciliae** by DJ Goyder 1995.

† **Cedergren**, Elvin; Swedish horticulturist & specialist in c&s; owner of plant nursery, Cedergren & Company, Råå, Sweden 1915;

Book [1932] *Kaktusodling för Amatörer* [w H Cedergren] = “Cactus Culture for Amateurs” Hälsingborg, Sweden; Swedish; 66p; (first pub in 1927 w 47p).



† **Cedergren**, Hilmer Peter Henning; Swedish horticulturist & specialist in c&s; owner of plant nursery, Cedergren & Company, Råå, Sweden 1915;

Book [1932] *Kaktusodling för Amatörer* [w E Cedergren] = “Cactus Culture for Amateurs” Hälsingborg, Sweden; Swedish; 66p; (first pub in 1927 w 47p).

† **Cels**, François (1771–1832); {F.Cels}; French horticulturist; continued father's nursery & moved it to Avenue de Maine, Paris, France; specialized in orchids; son JF Cels;

Book [1832] *Nouveau Catalogue Général Des Végétaux de Pleineterre, D'Orangerie et de Serre Shaude, Cultivés Dans L'Etablissement* Paris, France; French; 139p; (includes c&s).

† **Cels**, Jean François (1810–1888); {J.F.Cels}; French horticulturist, gardener & cactus dealer; inherited succ nursery from father; nursery then passed on to Antoine Chantin (1815–1893); pub catalogues of his succ;

he bought 1 of 3 *Ariocarpus kotschoubeyanus* collected by WF von Karwinsky for 1,000 francs that exceeded value of plant's weight in gold; father F Cels;

Book [1858] *Catalogue des Cactées, Aloées, Agaves et Autres Plantes Grasses, Cultivées Par F. Cels à Paris, Suivi d'un Tableau Synoptique des Cactées et Aloes* Paris, France; 24p;

species nah:

(Pilocereus) **celsianus** (Jujuy, Bolivia) (desc & nah by JMF Salm-Dyck 1850) —> **Oreocereus celsianus** by V Riccobono 1909;

disc species:

(Cereus) **bertini** (Argentina) 1855 (desc by F Herincq 1863 & na P Bertin) —> **Austrocactus bertinii** by NL Britton & JN Rose 1922,

(Cereus) **monacanthus** (Colombia, Panama, Costa Rica, Ecuador, Guyana, Nicaragua, Peru, Surinam, Trinidad, Tobago, Venezuela) (desc by AC Lemaire 1845) —> **Hylocereus monacanthus** by NL Britton & JN Rose 1920;

desc species:

(Cereus) **pentaedrophorus** (Brazil) 1858 —> **Pilosocereus pentaedrophorus** by RS Byles & GD Rowley 1957,

(Echinocactus) **saglionis** (Argentina) 1847 (na J Saglio) —> **Gymnocalycium saglionis** by NL Britton & JN Rose 1922,

(Huernia) **thureti** (Namibia, Eastern Cape) 1866 (na GA Thuret).



Cerda Lemus, Margarita de la; Mex botanist at Dept de Biología del Centro Básico, Universidad Autónoma de Aguascalientes;

Book [1989] *Cactaceas de Aguascalientes, Flora y fauna de Aguascalientes* Mex; Spanish; 99p.

Cerrate, Emma — See **Ferreira**, Emma.

Cerutti, Vincent; French agricultural engineer & horticulturist w succ nursery *Cactus Esterel* at Bagnols en Foret, France 1986~;

Book [1982] *Les Maladies Cryptogamiques et les Nématodes Affectant les Cactacées, Leur Traitement* Toulouse, France, French; 47p,

[1984] *Essai de Multiplication in Vitro de Trichocereus pachanoi, Euphorbia enopla, Euphorbia aeruginosa* Toulouse, France; French; 103p,

[1997] *Cacti* [w photographer Paul Starosta] Cambridge, Eng; Eng; 128p w 141 color photos,

[1998] *Kakteen* [w photographer Paul Starosta] Köln, Ger; Ger; 128p w 141 color photos.

†**Cervantes**, Vicente [Vincente] de (1755–26 Jul 1829); {Cerv.}; Spanish botanist & pharmacist; on bot expedition to New Spain (Mex) 1787–1803;

desc species:

(Jatropha) **ciliata** (Puebla to Oaxaca) 1794,

(Jatropha) **dioica** (Texas to Oaxaca) 1794,

(Jatropha) **peltata** (Mex) 1794.

†**Chabaud**, (Dr med) Justin Benjamin (1833–1915); {Chabaud}; French botanist & physician;

desc species:

(Yucca) **filifera** (central Mex) 1876.

†**Chabaud**, John A (fl. 1905); RSA plant grower in Port Elizabeth, Eastern Cape;

species nah

(Aloe) **chabaudii** (Tanzania, Zambia, Zimbabwe, Zaire, Mozambique, Swaziland Malawi) (desc & nah by S Schonland 1905 & disc by JM Brown c1900).

† **Chaffey**, (Dr) Elswood (8 Mar 1850–25 Dec 1920); US; collected in Mex; spouse Elizabeth Campbell [née Boswell] Chaffey (24 Feb 1857–15 Oct 1903);

disc species:

(Escobaria) **chaffeyi** (Zacatecas, Coahuila) 1910 (desc & nah by NL Britton & JN Rose 1923)

—> **Escobaria dasyacantha** ssp **chaffeyi** by NP Taylor 1998,

(Opuntia) **chaffeyi** (Zacatecas) c1910 (desc & nah by NL Britton & JN Rose 1913).



Chahinian, Baltasar **Juan** (14 Feb 1936–); {Chahin.}; Argentinian civil & structural engineer to Calif; pres of International Sansevieria Soc (founded in 2000); editor of Sansevieria Journal; explored in Zimbabwe & Kenya;

Book 1986] *The Sansevieria Trifasciata Varieties* Reseda, Calif; Eng; 109p.

[2005] *The Splendid Sansevieria* Buenos Aires, Argentina; Eng; 178p w 134 color photos;

disc species:

(Sansevieria) **frequens** (Kenya) (desc by him 2000),

(Sansevieria) **masoniana** (Zaire) (desc by him 2000 & na FM Mason);

desc species:

(Sansevieria) **burdettii** (Malawi) 2000 (disc by A Burdett & nah),

(Sansevieria) **downsii** (Malawi) 2000 (disc by P Downs & nah),

(Sansevieria) **eilensis** (Somalia) 1995,

(Sansevieria) **francisii** (Kenya) 1995 (na Francis K Horwood),

(Sansevieria) **hallii** (Zimbabwe) 1996 (na H Hall),

(Sansevieria) **nitida** (Kenya) 2001 (disc by G Powys).

Chai, F;

desc species:

(Sedum) **tianmushanense** [w YC Ho] (China) 1989 (disc by F Chai 1987).

† **Chaix**, Dominique (8 Jun 1730–21 Jul 1799); {Chaix}; French priest & botanist; ordained at Grenoble College 1755; became interested in botany in 1758;

desc species:

(Sedum) **ochroleucum** (Macedonia, Switzerland, Italy, Albania, Bulgaria, France, Hungary, Romania, Serbia, Croatia, Greece, Slovenia, Turkey) 1786.

Challis, Chris; Johannesburg, RSA businessman; Aloe & succ enthusiast;

disc species:

(Aloe) **challisii** [w EJ van Jaarsveld] (Mpumalanga) (desc & nah by EJ van Jaarsveld & AE van Wyk 2006).

Chalupa, Jan;

desc species:

(Coryphantha) **kracikii** [w P Kupcak, & JJ Halda] (Durango) 2002 (disc by H Swoboda 1982).

† **Chalwin**, HJ; superintendent of Municipal Parks, Cape Town, RSA;

species nah:

(Haworthia) **chalwinii** (RSA) (desc & nah by HWR Marloth & A Berger 1906 & disc by HWR Marloth 1905).



† **Chamberlain**, (Dr) Charles Joseph (23 Feb 1863–5 Feb 1943); {Chamb.}; US botanist, morphologist & cytologist; DSc at Univ of Chicago 1897 & prof 1897~; studied tissue & cell of plants; specialized in Cycads; first spouse Martha E [née Life] Chamberlain (–1931) & second spouse Martha [née Stanley] Lathrop Chamberlain;

desc species:

(Sedum) **sorgerae** [w K Tan] (Turkey) 1984 (na F Sorger);

transfer species:

“Umbilicus intermedius” (PE Boissier 1872) —> **Umbilicus horizontalis** var **intermedius** 1972;

desc variety:

(Sedum hispanicum var) **planifolium** (Turkey) 1972.

Chambers, Alvin Leroy (?1914–1997?);

Book [1952] *An Anatomical Study of Lophophora williamsii* Denver, Colorado; Eng; 42p; (MS thesis).



† **Chamisso**, Ludolf Karl **Adelbert** von [né Louis-Charles Adélaïde Chamisseau de Boncourt] (30 Jan 1781–21 Aug 1838); {Cham.}; Frenchman to Prussia; naturalist, botanist, writer & poet; naturalist on (Capt) Otto Eustafevich von Kotzebue (1787–1846) expedition round the world in ship “Rurik” 1815–18; collector in Calif 1816 & at Cape 1818; custodian of herbarium at Berlin-Dahlem, working w DFL von Schlechtendal 1818~; curator of Royal Bot Gardens in Berlin 1833~;

desc species:

(Calandrinia) **arenaria** (Chile) 1831 —> **Cistanthe arenaria** by MA Hershkovitz 1991,

(Echeveria) **racemosa** [w DFL von Schlechtendal] (Veracruz) 1830,

(Portulaca) **villosa** (Hawaii) 1831 —> **Portulaca pilosa** ssp **villosa** by R Geesink 1969,

(Sedum) **stephanii** (Siberia) 1831 (na CF Stephan) —> **Rhodiola stephanii** by ER von Trautvetter &

CA Meyer 1856.



† **Champie**, Clark L (11 Sep 1916–24 Jun 1998); US botanist & natural historian in Anthony, New Mex; BS in botany & zoology at New Mexico State Univ c1948 w graduate work in taxonomy & plant anatomy; cactus nurseryman 1959~; explored in Big Bend area of Texas & in Franklin Mtns, New Mex;

Book [1961] *Cactilog for Sixty One* = “a catalogue of El Paso Cactus Gardens”; Eng,

[1973] *Strangers in the Franklins* El Paso, Texas; Eng; 77p,

[1974] *C&S of El Paso* Santa Barbara, Calif; Eng; 104p.

Chan, Justine; RSA; works for Trade Records Analysis of Flora & Fauna in Commerce, RSA;

Book [1998] *S Africa's Trade in Southern African Succ Plants* [w DJ Newton] Johannesburg; 162p.



Chance, Leo J; US professional gardener in Colorado Springs and Pueblo, Colorado; member of CSSA & Colorado C&SS;

Book [2012] *C&S for Cold Climates* Portland, Oregon; Eng; 328p w 308 color photos.

† **Chanet**, Louis [Père]; French collector in China;

disc species:

(Sedum) **chanetii** (China) (desc & nah by AAH Leveille 1908) —> **Orostachys chanetii** by A Berger 1930.

† **Chapman**, Peter Richard (c1915–May 1986); British research chemist w British Gas Company; photographer; member of Royal Photographic Soc;

Book [1971] *Cacti & Their Cultivation* [w MJ Martin & HA Auger] London, Eng; Eng; 205p,
[1978] *Succ & Their Cultivation** London; Eng; 300p,
[1982] *An Illustrated Guide to C&S** NY; Eng; 160p w 126 color photos,
[1984] *Kakteen und Andere Sukkulente von A bis Z** Stuttgart, Ger; Ger; 160p w 126 color photos,
[1988] *A Gardener's Guide to C&S**; London, Eng; 160p w 126 color photos,
[1989] *Successful Indoor Gardening — Exotic Cacti** London; Eng; 96p w 78 color photos.
*[w M Martin].

† **Chapotot**, (Dr med) ?; French physician in Lyon, France;

species nah:

(Kalanchoe) **chapototii** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1915).

† **Charadze**, [Kharadze,] Anna Lukianovna (30 Nov 1905–20 Jun 1977); {Kharadze}; Russian [Georgian] botanist: explored in Russia;

species nah:

(Sempervivum) **charadzeae** (Georgia A) (desc & nah by MZ Gurgenidze 1969).



Charles, Graham John (2 Jan 1950–); {G.J.Charles}; British scientist & horticulturist;

BSc in physics at Birmingham Univ, Eng 1971; joined NCSS 1962; marketing manager of electronic & technical product companies 1971–2000; c&s judge 1972~; honorary picture editor for new cactus

lexicon published in 2006; specialist in cacti of S Amer; explored, in Argentina 1992, 1995, 1996, 2000, in Chile 1994, 1999 (2004 as bot guide for CSSA tour), in Peru 1998, 1999, 2002, 2003, in Brazil 2000, 2002, 2004; CSSA Fellow award 2005; BCSS Robert Holt Meritorious Award 2005; editor of on-line journal *The Cactus Explorer* 2011~; editor of BCSS yearbook *Bradleya* 2013~; spouse Elisabeth Charles;

Book [1998] *Copiapoa* (The Cactus File Handbook No 4) Southampton, Eng; Eng; 80p w 106 color photos,
[2001] *Kakteen in Brasilien (Cacti in Brazil)* [w A Hofacker, K Herm, W van Heek, B Bohle, W Strecker & G Heimen] Ger; Ger/Eng; 176p,
[2003] *C&S* Ramsbury, UK; Eng; 192p w 416 color photos,
[2006] *The New Cactus Lexicon* Milborne Port, Eng; Eng; (in 2 vols);
Vol 1; 373p; text [by DR Hunt];
Vol 2; 526p w 2,504 color photos [by GJ Charles],
[2009] *Gymnocalycium* Stamford, Eng; Eng; 288p w 624 color photos;

desc species:

(Borzacactus) **hutchisonii** (Peru) 2010 (disc by PC Hutchison 1964 & nah),

(Copiapoa) **ahremephiana** [w NP Taylor] (Antofagasta) 2002 (disc by RM Ferryman 1984 & na his spoken initials),

(Copiapoa) **decorticans** [w NP Taylor] (Antofagasta) 2002 (disc by RM Ferryman 1984),

(Cleistocactus) **hoffmannii** (Peru) 2005 (na W Hoffmann),

(Espostoa) **utcubambensis** (Peru) 2003 (disc by GJ Charles, CR Pugh & R Underwood 2002);

transfer species:

“Borzacactus jajoanus” (C Backeberg 1936) —> **Cleistocactus jajoanus** 2005,

“Cleistocactus longiserpens” (BE Leuenberger 2002) —> **Borzacactus longiserpens** 2010;

“Copiapoa desertorum” (F Ritter 1980) —> **Copiapoa taltalensis** ssp **desertorum** 2005,

“Copiapoa echinata” (F Ritter 1959) —> **Copiapoa megarhiza** ssp **echinata** 2006,

“Copiapoa laui” (by L Diers 1980) —> **Copiapoa hypogaea** ssp **laui** 2006,
 “Echinocactus damsii” (KM Schumann 1903) —> **Gymnocalycium anisitsii** ssp **damsii** 2005,
 “Echinocactus delaetii” (KM Schumann 1901) —> **Gymnocalycium schickendantzii** ssp **delaetii** 2005,
 “Espostoa lanianuligera” (F Ritter 1981) —> **Espostoa lanata** ssp **lanianuligera** 2002,
 “Espostoa nana” (F Ritter 1964) —> **Espostoa melanostele** ssp **nana** 2002,
 “Espostoa ruficeps” (F Ritter 1981) —> **Espostoa lanata** ssp **ruficeps** 2002,
 “Gymnocalycium achirasense” (JA Till 1987) —> **Gymnocalycium horridispinum** ssp **achirasense** 2009.
 “Gymnocalycium borthii” (JA Till 1987) —> **Gymnocalycium gibbosum** ssp **borthii** 2005,
 “Gymnocalycium ferrarii” (W Rausch 1981) —> **Gymnocalycium glaucum** ssp **ferrarii** 2005,
 “Gymnocalycium megatae” (Y Ito 1957) —> **Gymnocalycium marsoneri** ssp **megatae** 2009,
 “Gymnocalycium valnicekianum” (B Jajo 1934) —> **Gymnocalycium mostii** ssp **valnicekianum** [w
 M Meregalli] 2008,
 “Gymnocalycium zegarrae” (M Cardenas 1958) —> **Gymnocalycium pflanzii** ssp **zegarrae** 2005,
 “Islaya omasensis” (C Ostolaza & T Mischler 1983) —> **Eriosyce islayensis** ssp **omasensis** 2006,
 “Trichocereus skottsbergii” (CJF Scottsberg 1950) —> **Echinopsis chiloensis** ssp **skottsbergii** 2005;
transfer subsp:
 “Gymnocalycium mostii ssp ferocior” (JA Till & H Amerhauser 2002) —> **Gymnocalycium castellanosii**
 ssp **ferocior** 2005.

† **Charles**, Marcel;

disc species:

(Caralluma) mouretii (Mauretania) (desc by AJB Chevalier 1934 & na Lt-Col Mouret).

† **Chartier**, (Madam) Adèle le; friend of Raymond-Hamet; France;

species nah:

(Kalanchoe) **adelae** (Comoro Islands) (desc & nah by Raymond-Hamet 1908).

† **Chartier**, Henri; Frenchman;

Book [1910] *Recherches sur la Structure de la Tige Florifère de Quelques Crassulacées* Paris, France; French; 40p.



† **Chase**, (Dr hc) Pearl (16 Nov 1888–24 Oct 1979); US; Santa Barbara, Calif civic leader, gardener, conservationist & architect; BS at Univ of Calif, Berkeley 1909 & honorary doctorate from Univ of Calif, Berkeley & from Mills College later;

Book [1930] *C&OS (Santa Barbara Region)* Santa Barbara, Calif; Eng; 107p; (editor of); compiled & reviewed by R Hoffmann, EO Orpet, EE Walther & J West.

Chaturvedi, (Prof) (Dr) SN; Indian botanist; prof at Raj College of Agriculture, Udaipur, India; pres of Indian Bot Soc 1992 w Life Time Achievement Award 2011; prof of biology at US International Univ, San Diego Campus, Calif;

Book [1968] *Carbon Dioxide Fixation Studies in some Members of Crassulaceae*; 84p.

Chaudhary, Shaukat Ali (1931–); {Chaudhary}; Pakistani botanist; specialist on Arabian flora;

desc species:

(Ceropegia) **tihamana** [w JJ Lavranos] (Saudi Arabia) 1985.



Chautems, (Dr) Alain (1953–); {Chautems}; Swiss botanist; conservator at Jardin Bot Garden, Geneva, Switzerland; collected in Brazil; specializes in Gesneriaceae;

desc species:

(Codonanthe) **serrulata** (Bahia) 1991;

transfer species:

“Corytholoma defoliatum” (GOA Malme 1937) —> **Sinningia defoliata** 1990,

“Gesneria douglasii” (J Lindley 1827) —> **Sinningia douglasii** 1990,

“Gesneria macrostachya” (J Lindley 1828) —> **Sinningia macrostachya** 1990,

“Hypocyrtia tessmannii” (FC Hoehne 1958) —> **Nematanthus essmannii** 1984,

“Rechsteineria lineata” (H Hjelmqvist 1937) —> **Sinningia lineata** 1990.



† **Chauveaud**, (Dr med) Louis Gustave (Dec 1859–14 Dec 1933); French physician, botanist & anatomist; DSc 1891 & MD 1892 in Paris; dir of practical botany at Faculty of Science, Paris 30 yrs;

Book [1891] *Recherche Embryogéniques sur l'Appareil Lactifère des Euphorbiacées, Urticacées, Apocynées, et Asclepiadacées* Paris, France; French; 161p;

species nah:

(Sedum) **chauveaudii** (China, Nepal) (desc & nah by Raymond-Hamet 1910).

† **Chauvin**, Marie von; Ger naturalist in Freiburg, Ger; member of early mesemb groups in Ger; had large succ collection;

species nah:

(Mesemb) **chauviniae** (Namaq) (desc & nah by MHG Schwantes 1920) —> **Conophytum chauviniae** by SA Hammer 1993.



Chazaro, [Chazaro-Basanez, Cházaro-Basáñez,] (Dr) Miguel de Jesús (15 Aug 1949–);

{Cházaro}; Mex botanist; MS in biology at

Univ of Wisconsin, Madison, US; PhD at Univ of Guadalajara, Jalisco, Mex; specializes in Crassulaceae & parasitic plants; IOS member 1991;

Book [2007] *Agaves del Occidente de Mexico* [w JA Vazquez-Garcia, G Hernandez-Vera, EP Flores-Berrios, YL Vargas-Rodriguez] Guadalajara, Mex; Spanish; 221p w color photos; hernandez

disc species:

(Echeveria) **chazaroi** [w MW Kimnach & M Negrete] (Oaxaca) 1993 (desc & nah by MW Kimnach 1995);

desc species:

(Agave) **valenciana** [w A Vasquez] (Jalisco) 2005 (disc by OM Valencia 2001 & nah),

(Agave) **wendtii** (Veracruz) 1995 (na TL Wendt),

(Graptopetalum) **mendozae** [w CE Glass] (Veracruz) 1997 (disc by M Mendoza & MS Pichardo 1992 & na M Mendoza),

(Pachyphytum) **machucae** [w CE Glass & I Gardia Ruiz] (Michoacan) 1999 (disc by I Garcia Ruiz 1997 & na JA Machuca Nunez).

Cheers, Gordon;

Book [1997] *Botanica* Milsons Point, Australia; Eng; 1,007p w c10,000 color photos; (editor of); (includes succ); Ger edition 1998.

Chellew Garcia, [Chellew García,] Valerie; US writer for book;

Book [1997] *The Cactus Wren & the Cholla* [w MF Barraza] Tucson, Arizona; Eng; 32p; (juvenile book).

Chen, Xi Dian (1935–); {X.D.Chen};

desc *species*:

(Sedum) **jiaodongense** [w YM Zhang] (China) 1990 (disc by YM Zhang 1988).

Chen, Xian Hui (fl. 1999); {S.H.Chen};

desc *species*:

(Sedum) **wannanense** [w XP Zhang & XH Guo] (China) 1999.

Cheney, Matt;

Book [2010] *Epiphyllum Hybrids*; Eng; 21p w color photos.

Chesselet, (Dr) **Pascale** Claude Marcelle Henriette (1959–); {Chesselet}; Belgium to RSA; botanist & illustrator; PhD at Univ of Pretoria 2005; on staff at Natl Bot Institute, RSA 1993~, working on taxonomy & systematics of Mesembs 1993~;

Book [1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w GF Smith, EJ van Jaarsveld, HEK Hartmann, SA Hammer, B van Wyk, P Burgoyne, C Klak & H Kurzwell] Pretoria, RSA; Eng; 405p;

desc *species*:

(Khadia) **alticola** [w HEK Hartmann] (Natal) 1995.



† **Chevalier**, (Prof) (Dr) **Auguste** Jean Baptiste (23 Jun 1873–4 Jun 1956); {A.Chev.}; French botanist & biohistorian; DSc at Paris Univ 1901; prof at Natl Museum of Natural History, Paris, France; dir of revue de Botanique Appliquée; explored in tropical central & western Africa

(French West Africa, Belgian Congo, Cape Verde Islands, Dahomey, French Guinea & Ivory Coast)

1902–13; founder of bot garden at Dalaba, Guinea 1905;

Book [1920] *Exploration Botanique de l'Afrique Occidentale Française, Tome 1, Enumeration des Plantes Recoltees* Paris, France; French; 798p;

species **nah**:

(Kalanchoe) **chevalieri** (Vietnam) (desc & nah by ? Gagnepain 1914);

disc *species*:

(Monadenium) **chevalieri** (French Equatorial Africa) 1912 (desc & nah by NE Brown 1913);

desc *species*:

(Boucerosia) **tombuctuensis** (French West Africa, Senegal, French Sudan, Nigeria, Algeria) 1900 (disc by him) —> **Caralluma retrospiciens** var **tombuctuensis** by AC White & BL Sloane 1937,

(Caralluma) **mogadoxensis** (Italian Somaliland) 1932 (disc by L Senni 1929),

(Caralluma) **mouretii** (Mauretania) 1934 (na Lt-Col Mouret & disc by M Charles 1911),

(Euphorbia) **baga** (western Africa, Ivory Coast to n Nigeria) 1933,

(Euphorbia) **beillei** (Chad) 1933 (na L Beille),

(Euphorbia) **paganorum** (Mali) 1933,

(Euphorbia) **sudanica** (Mali) 1932;

desc *variety*:

(Euphorbia tuckeyana var) **mezereum** (St. Vincent in Cape Verde Islands) 1935.

Chiang, [Chiang Cabrera,] Fernando (1943–); {F.Chiang}; Mex botanist;

subsp **nah**:

(Hesperaloe funifera ssp) **chiangii** (San Luis Potosi) (desc & nah by GD Starr 1997).



† **Chidamian**, Claude (14 Mar 1920–2 Jun 1994); US gardener & lecturer on ornamental horticulture in Los Angeles, Calif;

Book [1958] *The Book of C&OS* Garden City, NY; Eng; 243p; drawings by Shirlea Hatcher.

Chi-King Mak, Harry (1965–); Hong Kong & British chemist & succ enthusiast; graduate at Hong Kong Univ; taught chemistry 12 yrs; to Manchester, UK 1995; interested in microscopy & photography; specialist in genus *Haworthia*; IOS member 1996;

Book [1993–1995] *Photo Album of Succ in Color*, Hong Kong; Eng/Chinese;

[1993] Vol 1; 219p w 597 color photos;

[1995] Vol 2; 320p w 692 color photos.

Chilton, Deborah;

Book [1984] *The Original Aloe vera Health & Beauty Guide* Huntington Beach, Calif; Eng; 139p.

Chinnock, (Dr) Robert James (1943–); {Chinnock}; Adelaide, Australia botanist; State Herbarium of S Australia; IOS member 1997; collected in RSA & Australia;

desc species:

(Disphyma) **papillatum** (Chatham Island of New Zealand) 1971,

(Gunneriopsis) **calcareae** (Western & South Australia) 1983,

(Gunneriopsis) **calva** (South Australia) 1983,

(Gunneriopsis) **divisa** (Western Australia) 1983,

(Gunneriopsis) **papillata** (New South Wales, Northern Territory, Queensland, South Australia) 1983,

(Gunneriopsis) **propinqua** (Western Australia) 1983,

(Gunneriopsis) **rubra** (Western Australia) 1983,

(Gunneriopsis) **tenuifolia** (South Australia) 1983;

transfer species:

“*Aizoon kochii*” (R Wagner 1904) —> **Gunneriopsis kochii** 1983,

“*Gunnia septifraga*” (FHJ von Mueller 1859) —> **Gunneriopsis septifraga** 1983,

“*Mesemb clavellatum*” (AH Haworth 1803) —> **Disphyma clavellatum** 1976;

desc subsp:

(*Disphyma australe* ssp) **stricticaule** (Kermadec Islands of New Zealand) 1976.



† **Chiovenda**, (Prof) Emilio (18 May 1871–19 Feb 1941); {Chiov.}; Italian botanist; graduate from Bot Institute of Rome, Italy 1898; curator of herbarium at Rome 1905–09; prof of botany at Univ of Rome 1909–15, at Univ of Catania 1916–29, at Modena Univ 1929–35 & at Univ of Bologna 1935~; explored in Eritrea, Abyssinia & west Ethiopia 1909; curator of herbarium at Bot Museum, Florence, Italy 1915–26; systematic botanist & expert on Somalia & other eastern tropical African regions' flora;

Book [1929–36] *Flora Somalia* (in 3 Vols);

[1929] Vol 1; 436p;

[1932] Vol 2; 482p;

[1936] Vol 3; 160p;

desc genera:

Cephalopentandra (ne Africa) 1929,

Cucumella (Africa, Mada, India) 1929,

Spathulopetalum (Eritrea) 1912 (syn of *Caralluma* R BROWN),

White-Sloanea 1937 (na AC White & BL Sloane);

desc species:

(*Aloe*) **ambigens** (Somalia) 1928,

(*Aloe*) **microdonta** (Somalia, Kenya) 1928,

(*Aneilema*) **zebrinum** (Natal, Kenya, Ethiopia, Tanzania) 1951,

(Bauhinia) **argentea** (Somalia, Kenya) 1915 —> **Tylosema argenteum** by JPM Brenan 1963,
 (Cephalopentandra) **ecirrhosa** (Ethiopia, Kenya, Uganda),
 (Cephalopentandra) **obbiadensis** 1929,
 (Ceropegia) **cufodontii** (Ethiopia, Uganda, Kenya) 1939 (na G Cufodontis),
 (Ceropegia) **inflata** (Ethiopia) 1912,
 (Ceropegia) **somalensis** (Yemen, Somalia, Kenya) 1916,
 (Ceropegia) **stenoloba** (Ethiopia, Kenya, Rwanda, Uganda, Zambia, Tanzania, Namibia) 1912,
 (Cissus) **betiformis** (Kenya, Somalia, Ethiopia) 1916 —> **Cyphostemma betiforme** by KB Vollesen 1984,
 (Cissus) **crithmifolia** (Ethiopia, Somalia) 1929 —> **Cyphostemma crithmifolium** by BM Descoings 1967,
 (Cissus) **migiurtinorum** (Ethiopia, Somalia) 1929 —> **Cyphostemma migiurtinorum** by BM Descoings
 1967,
 (Cissus) **quinguangularis** (Ethiopia, Somalia, Kenya) 1932,
 (Cissus) **sarcospathula** (Ethiopia, Somalia) 1929 —> **Cyphostemma sarcospathulum** by BM Descoings
 1967,
 (Cissus) **ternato-multifida** (Ethiopia, Somalia) 1932 —> **Cyphostemma ternato-multifidum** by
 BM Descoings 1967,
 (Collenucia) **paradoxa** (Somalia) 1929 —> **Jatropha paradoxa** by E Chiovenda 1930,
 (Dracaena) **rhabdophylla** (Ethiopia) 1952,
 (Euphorbia) **brunellii** (Sudan, Ethiopia, Uganda, Kenya) 1952 (na HE Brunnell),
 (Euphorbia) **longispina** (Somalia, Ethiopia) 1929,
 (Euphorbia) **migiurtinorum** (Ethiopia, Somalia) 1929,
 (Euphorbia) **turbiniformis** (Somalia) 1929,
 (Kalanchoe) **bipartita** (Somalia, Kenya) 1916,
 (Kleinia) **polytoma** (Somalia) 1929 —> **Senecio polytomus** by HJ Jacobsen 1956,
 (Euphorbia) **turbiniformis** (Somalia) 1937,
 (Monadenium) **reflexum** (Ethiopia, Kenya) 1951 (disc by ? Vatova 1937),
 (Portulaca) **ciferrii** (Somalia, Kenya) 1936 (na A Ciferri),
 (Portulaca) **nogalensis** (Somalia) 1929,
 (Pterodiscus) **coeruleus** (Somalia) 1932,
 (Raphionacme) **abyssinica** (Uganda, Kenya, Ethiopia) 1939 —> **Schlechterella abyssinica** by HJT Venter
 & AA Verhoeven 1999,
 (Spathulopetalum) **dicapuae** (Eritrea, Ethiopia, Somalia, Kenya) 1912 (na E Di Capua & disc by
 A Terracciano & A Pappi 1892) —> **Caralluma dicapuae** by E Chiovenda 1937,
 (Trianthema) **sennii** (Somalia) 1932 (na L Senni) —> **Zaleya sennii** by C Jeffrey 1960,
 (Whitesloanea) **migiurtina** (Somalia) 1937 (disc by Puccini & Stefanini 1924) —> **Pseudolithos**
migiurtinus by PRO Bally 1975;
transfer species:
 “Caralluma crassa” (NE Brown 1935) —> **White-sloanea crassa** 1937,
 “Kedrostis spinosus” (EF Gilg 1904) —> **Momordica spinosa** 1916.

†**Chisholm**, OB;

disc species:

(Conophytum) **lithopsoides** (Namaq) (desc by HML Bolus 1938).



†**Chodat**, (Prof) (Dr) Robert Hippolyte (4 Jun 1865–28 Apr 1934); {Chodat};
 Swiss phycologist & botanist; PhD in pharmacy, Genève Univ, Switzerland 1887;

prof of pharmacy at Geneve Univ 1887~; authority of plants & collected [w E Hassler] in Paraguay 1914; Linnean Medal 1933;

Book [1902–07] *Plantae Hasslerianae soit Énumération Des Plantes Récoltées au Paraguay* [w E Hassler] Genève; (in 2 Vols);

[1902] Vol 1; 203p;

[1907] Vol 2; 712p;

desc variety:

(Chorisia speciosa var) **minor** (Paraguay) 1899.



† **Choisy**, Jacques Denys [Denis] (5 Apr 1799–26 Nov 1859); {Choisy}; Swiss botanist, mycologist, clergyman & philosopher; prof in Geneva;

desc species:

(Ipomoea) **oblongata** (Botswana, Mozambique, Zimbabwe, Natal, Mpumalanga, Limpopo) 1845 → **Turbina oblongata** by ADJ Meeuse 1957.

† **Choux**, (Prof) (Dr) Pierre (24 Dec 1890–8 Apr 1982); {Choux}; French botanist & phytogeographer; DSc 1914; prof at École Nationale d'Horticulture de Versailles 1932–35, at Conservatoire Natl des Arts et Métiers Agriculture 1938–55;

Book [1914] *Etude Biologique sur les Asclepiadacees de Mada Tananarive*, Mada; French; 264p; (PhD thesis), [1934] *Les Didiéracées, Xerophytes de Mada Tananarive*; French; 69p;

desc genera:

Alluaudiopsis [w J-H Humbert] (Mada) 1934 (na C Alluaud),

Decarya (Mada) 1929 (na R Decary) (also referred to as Decarya);

desc species:

(Alluaudia) **humbertii** (Mada) 1934 (na J-H Humbert),

(Alluaudiopsis) **fiherenensis** [w J-H Humbert] (Mada) 1934,

(Cynanchum) **andringitrense** (Mada) 1923,

(Cynanchum) **angavokeliense** (Mada) 1928,

(Cynanchum) **bekinolense** (Mada, Comoro Islands) 1914 → **Cynanchum gerrardii** ssp **bekinolense** by SL Liede & U Meve 2001,

(Cynanchum) **compactum** (Mada) 1914,

(Cynanchum) **fimbriatum** (Mada) 1928,

(Cynanchum) **jumellei** (Mada) 1928 (na HL Jumelle),

(Cynanchum) **lecomtei** (Mada) 1927 (na PH Lecomte),

(Cynanchum) **moramangense** (Mada) 1928,

(Cynanchum) **napiferum** (Mada) 1914,

(Cynanchum) **pachycladon** (Mada) 1928,

(Cynanchum) **papillatum** (Mada) 1923,

(Cynanchum) **perrieri** (Mada) 1914 (na JMH Perrier de la Bathie),

(Cynanchum) **pycnoneuroides** (Mada) 1914,

(Decarya) **madagascariensis** (Mada) 1934,

(Stapelianthus) **decaryi** (Mada) 1934 (disc by R Decary 1932 & nah),

(Stapeliopsis) **madagascariensis** (Mada) 1931 (disc by R Decary 1931) → **Stapelianthus**

madagascariensis by P Choux 1934,

(Trichocaulon) **decaryi** (Mada) 1932 (disc by R Decary 1931 & nah).



Chow, Wm; US;

Book 2006] *Beginner's Guide to Grow Dragon Fruit In the Home Garden*; Eng; 16p w 8 color photos.



† **Christ**, (Dr) Konrad **Hermann** Heinrich (12 Dec 1833–23 Nov 1933); {Christ}; Swiss lawyer, notary, amateur botanist, plant geographer & pteridologist; PhD at Humbolt Univ, Berlin, Ger 1856; lawyer & notary in Basel 1869–1908; interested in systematic botanical geography & history of botany; foreign member of Linnean Soc 1912;

desc species:

(Aeonium) **virgineum** (Canary Islands) 1888 → **Aeonium canariense** var **virgineum** by HY Liu 1989,

(Aeonium) **palmense** (Canary Islands) 1888 → **Aeonium canariense** var **palmense** by HY Liu 1989;

transfer species:

"Aeonium haworthii" (PB Webb & S Berthelot 1840) → **Sempervivum haworthii** 1888,

"Petrophytes icterica" (CA Bolle 1859) → **Monanthes iterica** 1888,

"Petrophytes minima" (CA Bolle 1859) → **Monanthes minima** 1888,

"Petrophytes pallens" (FA Weber 1888) → **Monanthes pallens** 1888



† **Christian**, Harold Basil (28 Oct 1871–12 May 1950); {Christian}; RSA mining engineer ≈1911; to Zimbabwe 1911; agriculturist, horticulturist & amateur botanist; extensive gardens of Aloe collections at his *Ewanrigg* farm near Salisbury Zimbabwe 1914, known later as *Ewanrigg Natl Park* 1948; worked w GW Reynolds on Aloe species; wrote journal articles on Aloe;

Book [1933] *Notes on African Aloes* Salisbury; 16p w 18 photo plates;

species nah:

(Aloe) **christianii** (Angola, Malawi, Mozambique, Tanzania, Zaire, Zambia, Zimbabwe) (desc & nah by GW Reynolds 1936);

disc species:

(Euphorbia) **memoralis** (Zimbabwe) 1930s (desc by RA Dyer 1952 & named in memory of HB Christian);

desc species:

(Aloe) **babatiensis** (Tanzania) 1954 [w IC Verdoorn] (disc by IB Pole-Evans & J Erens 1938),

(Aloe) **boscawenii** (Tanzania) 1942 (disc by M Boscawen 1937 & nah),

(Aloe) **bulbicaulis** (Tanzania, Angola, Malawi, Zaire, Zambia) 1936,

(Aloe) **debrana** (Ethiopia) 1947,

(Aloe) **duckeri** (Tanzania, Zambia, Malawi) 1940 (disc by HC Ducker 1934 & nah),

(Aloe) **erensii** (Kenya, Sudan) 1940 (disc by IB Pole Evans & J Erens 1938 & na J Erens),

(Aloe) **flexilifolia** (Tanzania) 1942 (disc by M Boscawen 1940),

(Aloe) **inyangensis** (Zimbabwe) 1936 (disc by CP Piers 1931),

(Aloe) **kilifiensis** (Kenya) 1942,

(Aloe) **mawii** (Tanzania, Malawi, Mozambique) 1940 (na AH Maw),

(Aloe) **mclaughlinii** (Ethiopia) 1951 (disc by AG McLoughlin 1940 & nah),

(Aloe) **milne-redheadii** (Angola, Zambia) 1940 (disc by EWB Milne-Redhead 1938 & nah),

(Aloe) **mubendiensis** (Uganda) 1942 (disc by IB Pole Evans & J Erens 1938),

(Aloe) **munchii** (Mozambique, Zimbabwe) 1951 (disc by RC Munch 1945 & nah).

(Aloe) **mzimbana** (Zaire, Zambia, Malawi, Tanzania) 1941,

(Aloe) **ngongensis** (Tanzania, Kenya) 1942,

(Aloe) **ortholopha** [w EWB Milne-Redhead] (Zimbabwe) 1933 (disc by G Mainwaring c1926),

(Aloe) **torrei** [w IC Verdoorn] (Mozambique) 1946 (disc by AR da Torre & nah),

(Aloe) **turkanensis** (Kenya, Uganda) 1942 (disc by J Erens 1938),

(Aloe) **tweediae** 1942 (disc by EM Tweedie 1934 & nah) → **Aloe secundiflora** var **tweediae** by

E Wabuye 2006;

desc variety:

(Aloe chabaudii var) **mlanjeana** (Malawi) 1938,

(Aloe chabaudii var) **verekeri** (Mozambique, Zimbabwe) 1938 (disc by LSA Vereker 1931 & nah).



Christophe, Alain (1960–); French horticulturist; explored in RSA, Canary Islands, Reunion, Santo Domingo, Madeira Islands & Socotra;

Book [2005] *Socotra—The Lost Island* Italy, Italian/Eng; 64p w 185 color photos.

†**Christophersen**, (Dr) Erling (17 Apr 1898–9 Nov 1994); {Christoph.}; Norwegian botanist, geographer & diplomat; PhD at Yale Univ, New Haven, Connecticut 1924; collected in Indonesia & Pacific Islands;

desc species:

(Periloba) **galapagensis** (Galapagos Islands) 1932 —> **Nolana galapagensis** by IM Johnston 1936.

Chu, You Chang — See **Zhu**, YC .

Chuang, [Zhuang,] Hsuan [Xuan] (1938–); {H.Chuang}; Chinese botanist;

desc species:

(Sinocrassula) **diversifolia** (Yunnan) 1997 (disc by KM Feng 1959).



Chvastek, Jaromír (29 Jan 1954–); {Chvastek}; Czech horticulturist; interested in cacti, bromeliads & orchids; explored in Mex 1987 & 1992–2002, in Bolivia 2003 & 2005 & Chile 2004; chairman of Ostrava Cactus Club mid-1980s & Frydek Mistek Cactus Club 2005; spouse Kveta Chvastkova;

Book [1985] *Jubilejní sborník Ostrava 1954–1984* Ostrava, Czech Rep; Czech; 85p; (commemorates Ostrava Cactus Club 30-year jubilee).

Cieza, [Cieza Padilla,] Nelson (8 Dec 1966–); {Cieza}; Peru; prof at Jardin Botanico de San Marcos, Cajamarca, Peru; founding member of Association of Bot Garden of San Marcos, Cajamarca;

disc species:

(Peperomia) **ciezeae** [w G Pino] (Peru) 2005 (desc & nah by G Pino 2012);

desc species:

(Peperomia) **cereoides** [w G Pino] (Peru) 2003 (disc by C Brunt 2000),

(Peperomia) **selenophylla** [w G Pino] (Peru) 2012 (disc by O Klopfenstein & N Cieza 2003),

(Villadia) **aureistella** [w G Pino] (Peru) 2009 (disc by N Cieza 2004),

(Villadia) **kimnachii** [w G Pino] (Peru) 2009 (disc by G Pino 2003 & na MW Kimnach),

(Villadia) **klopfensteinii** [w G Pino] (Peru) 2009 (disc by PC Hutchison 1964 & na O Klopfenstein),

(Villadia) **paniculata** [w G Pino] (Peru) 2009 (disc by O Klopfenstein & N Cieza 2002),

(Villadia) **thiedeii** [w G Pino] (Peru) 2009 (disc by San Marcos Bot Garden team 2003 & na J Thiede);

desc variety:

(Peperomia cereodes var) **reducta** [w G Pino] (Peru) 2004 (disc by G Pino 2003),

(Peperomia cymbifolia var) **goodspeedii** [w G Pino] (Cajamarca) 2005 (disc by PC Hutchison 1964 & na TH Goodspeed),

(Peperomia nivalis var) **compacta** [w G Pino] (Peru) 2003,

(Peperomia nivalis var) **sanmarcensis** [w G Pino] (Peru) 2004.



† **Ciferri**, Raffaele (30 May 1897–12 Feb 1964); {Cif.}; Italian mycologist, botanist & plant pathologist; earned degree in agricultural science at Bologna 1920; worked at agricultural experiment station in Santiago de los Caballeros, Dominican Republic 1925–31; dir of Italian Cryptogamic Laboratory, Pavia, Italy 1932–35; prof of botany at Academy for Agriculture & Forestry, Florence, Italy 1936–41 & at Univ of Pavia 1942~; collected in Cuba & Dominican Republic 1925–31;

species nah:

(Portulaca) **ciferrii** (Somalia, Kenya) (desc & nah by E Chiovenda 1936).

† **Clair-Thompson**, Guy Warren St. (29 Mar 1906–5 Jun 1970); British forester; explored in Tanzania; spouse Katherine Honor [née Spender] Clair-Thompson (14 Oct 1909–21 Feb 1981);

disc species:

(Monadenium) **capitatum** (Tanzania) 1932 (desc by PRO Bally 1959).

Clapp, (Dr) TW; US; PhD at Texas A&M Univ, College Station, Texas 1969;

Book [1969] *Modification of the Edaphic Factor by Prickly Pear (Opuntia spp.)* College Station; Eng; 99p; (PhD thesis).

Clarasó, Noel;

Book [1964] *Mis Cactos* [w P Durand] Paris, France; 31p.



† **Clark**, Phil (c1921–18 May 1992); US journalist, photographer & botanist; BA in journalism & botany at Univ of Minnesota 1945; lived in Mex 10 yrs while editor of Mex City's Eng language daily *The News*; public relations dir of The NY Bot Garden in the Bronx & later at Field Museum of Natural History, Chicago, Illinois;

Book [1964] *A Guide to the Mex Flora Mex*; Eng; 96p.

Clark, PS;

Book [1990] *The Specialist Succ Soc Directory Llandegla*; 34p.



† **Clark**, Wm (1 Aug 1770–1 Sep 1838); US military officer & explorer; joint leader of Lewis & Clark Expedition 1803–06 across the newly purchased Louisiana Territory from Missouri River at St. Louis across n US to mouth of Columbia River at Pacific Ocean;

disc species:

(Sedum) **stenopetalum** [w M Lewis] (Rocky Mtns of Montana to Washington to Calif) c1806 (desc by FT Pursh 1814).



† **Clarke**, Charles Baron (17 Jun 1832–25 Aug 1906); {C.B.Clarke}; British botanist & mathematician; BA at Trinity College 1856; superintendent of bot gardens, Calcutta, India 1869–71; collected in India 1865–87; wrote 2 volumes of *Flora of British India* by JD Hooker (see JD Hooker); specialized in Cyperaceae; FLS 1867 & pres 1894–96; FRS 1882;

desc species:

(Cyanotis) **somaliensis** (Somalia) 1895;

transfer species:

“Belosynapsis kewensis” (JK Hasskarl 1871) —> **Cyanotis kewensis** 1881,

“Bryonia epigaea” (JP Rottler 1803) —> **Corallocarpus epigaeus** 1879.

Clarke, Paul (1958–); British management consultant; to Kenya 1985–2001 & to New Zealand 2001~;

disc species:

(Aloe) **clarkei** (Ethiopia) 1998 (desc & nah by LE Newton 2003).

Clary, Karen Husum (7 Apr 1952–); {Clary};

desc species:

(Yucca) **linearifolia** (Coahuila, Nuevo Leon) 1995.

† **Classen**, George A (1915–1982); Russia to Kenya 1948; Nairobi, Kenya water engineer; had succ garden at Langata, near Nairobi, Kenya; collected in Kenya 1950s–70s; friend of PRO Bally;

disc species:

(Aloe) **chrysostachys** (Kenya) 1958 (desc by JJ Lavranos & LE Newton 1976),
(Aloe) **classenii** (Kenya) (desc & nah by GW Reynolds 1965),
(Aloe) **lensayuensis** (Kenya) c1958 (desc by JJ Lavranos & LE Newton 1976),
(Euphorbia) **asthenacantha** (Tanzania) 1979 (desc by S Carter 1982),
(Euphorbia) **classenii** (Kenya) 1960 (desc & nah by PRO Bally & S Carter 1974),
(Euphorbia) **taruensis** (Kenya) 1975 (desc by S Carter 1987),
(Monadenium) **yattanum** (Kenya) 1953 (desc by PRO Bally 1959).

† **Claudius**, Heinrich [Hendrik] (c1655–c1697); Ger apothecary, naturalist & illustrator; employed at Dutch East India Company in Batavia (Jakarta, Indonesia) working with medicinal plants & in RSA 1682 to collect & draw medicinal plants; artist on Olof Bergh's expedition to Namaq 1683 & Simon van der Stel expedition to Copper Mtns of Namaq 1685–86;

disc species:

(Aloe) **khamiesensis** (Northern Cape) 1685 (desc by NS Pillans 1934),
(Aloe) **melanacantha** [w S Stel] (RSA) 1685–86 (desc by A Berger 1905),
(Euphorbia) **loricata** (Western Cape) 1685 (desc by C de Lamarck 1788),
(Euphorbia) **stellispina** (Northern Cape) 1685 (desc by AH Haworth 1827).



† **Clausen**, (Prof) (Dr) Robert Theodore (26 Dec 1911–31 Dec 1981); {R.T.Clausen};
US botanist & taxonomic methodologist; PhD at Cornell Univ, Ithaca, NY 1937; prof of botany
1944~ & curator of Wiegand Herbarium 1954~ at Cornell Univ; scholar of Crassulaceae (Sedum)
1935~; collected in Mex; CSSA Fellow award 1948; spouse Edna R Clausen;

Book [1959] *Sedum of the Trans-Mex Volcanic Belt: An Exposition of Taxonomic Methods* Ithaca, NY; Eng; 380p; drawings by Elfriede Martha Abbe (2 Feb 1919–31 Dec 2012),

[1975] *Sedum of N Amer n of the Mex Plateau* Ithaca; Eng; 742p; drawings by Elfriede Abbe,

[1981] *Variation of Species of Sedum of the Mex Cordilleran Plateau* Ithaca; Eng; 27p;

species nah:

(Sedum) **clausenii** (Guanajuato, San Luis Potosi) (desc & nah by E Perez-Calix 1998);

desc species:

(Sedum) **albomarginatum** (Calif) 1975 (disc by CH Uhl),
(Sedum) **caducum** (Tamaulipas) 1950,
(Sedum) **chloropetalum** (Oaxaca) 1948,
(Sedum) **clavatum** (central Mex) 1975,
(Sedum) **cormiferum** (central Mex) 1959,
(Sedum) **craigii** (Chihuahua) 1943 (disc by RT Craig 1939 & nah),
(Sedum) **cremnophila** (Morelos) 1943 (disc by CG Pringle 1899),

(*Sedum*) **glaucophyllum** (North Carolina, Maryland) 1946,
 (*Sedum*) **globuliflorum** (Hidalgo) 1979,
 (*Sedum*) **grandisepalum** (Oaxaca) 1949,
 (*Sedum*) **hintonii** (Michoacan) 1943 (na GB Hinton),
 (*Sedum*) **latifilamentum** (Hidalgo) 1979,
 (*Sedum*) **lucidum** (Veracruz) 1951 (disc by EE Walther 1935),
 (*Sedum*) **luteoviride** (Mex) 1946,
 (*Sedum*) **moranii** (Oregon) 1942 (na RV Moran),
 (*Sedum*) **multiflorum** (Jalisco) 1978,
 (*Sedum*) **obcordatum** (Veracruz) 1941,
 (*Sedum*) **oblanceolatum** (Oregon) 1975 (disc by RH Wittaker 1950),
 (*Sedum*) **pentastamineum** (Mex) 1959,
 (*Sedum*) **pulvinatum** (Oaxaca) 1948,
 (*Sedum*) **quadripetalum** (Durango) 1977,
 (*Sedum*) **reptans** (San Luis Potosi, Queretaro) 1978,
 (*Sedum*) **rubrotinctum** (Mex) 1948,
 (*Sedum*) **spathulisepalum** (Durango) 1977,
 (*Sedum*) **torulosum** (Coahuila) 1946 (disc by E Rush 1943),
 (*Sedum*) **trichromum** (Durango) 1978;

transfer species:

“*Gormaniana eastwoodiae*” (NL Britton 1903) —> ***Sedum laxum* ssp *eastweediae*** 1975;
 “*Gormaniana retusa*” (JN Rose 1903) —> ***Sedum obtusatum* ssp *retusum*** 1975,
 “*Sedum ciliosum*” (TJ Howell 1898) —> ***Sedum radiatum* ssp *ciliosum*** 1975.
 “*Sedum delicatum*” (JN Rose 1911) —> ***Sedum minimum* ssp *delicatum*** 1959,
 “*Sedum heckneri*” (ME Peck 1937) —> ***Sedum laxum* ssp *heckneri*** 1942,
 “*Sedum misera*” (J Lindley 1838) —> ***Villadia misera*** 1959,
 “*Sedum monanthum*” (WN Suksdorf 1927) —> ***Sedum stenopetalum* ssp *monanthum*** 1975.
 “*Sedum monticola*” (TS Brandegee 1919) —> ***Sedum dendroideum* ssp *monticola*** 1959,
 “*Sedum nesioticum*” (GN Jones 1941) —> ***Sedum lanceolatum* ssp *nesioticum*** 1948,
 “*Sedum praealtum*” (AP de Candolle 1847) —> ***Sedum dendroideum* ssp *praealtum*** 1959,
 “*Sedum pruinatum*” (NL Britton 1905) —> ***Sedum spathulifolium* ssp *pruinatum*** [w CH Uhl] 1944,
 “*Sedum purdyi*” (WL Jepson 1936) —> ***Sedum spathulifolium* ssp *purdyi*** 1975,
 “*Sedum subalpinum*” (JW Blankinship 1905) —> ***Sedum lanceolatum* ssp *subalpinum*** 1975,
 “*Sedum yosemitense*” (NL Britton 1903) —> ***Sedum spathulifolium* ssp *yosemitense*** 1975;

desc subsp:

(*Sedum dendroideum* ssp) ***parvifolium*** (central Mex) 1959,
 (*Sedum ebracteatum* ssp) ***grandifolium*** (Guerrero) 1946,
 (*Sedum integrifolium* ssp) ***procerum*** (s Rocky Mtns) 1975 —> ***Rhodiola integrifolia* ssp *procera*** by
 H Ohba 1999,
 (*Sedum laxum* ssp) ***latifolium*** (Calif) 1942 ,
 (*Sedum longipes* ssp) ***rosulare*** (Puebla, Veracruz) 1959,
 (*Sedum moranense* ssp) ***grandiflorum*** (San Luis Potosi) 1959,
 (*Sedum obtusatum* ssp) ***boreale*** (Calif) 1942,
 (*Sedum oreganum* ssp) ***tenue*** (British Columbia, Washington, Oregon) 1975,
 (*Sedum parvum* ssp) ***diminutum*** (Coahuila) 1979 —> ***Sedum diminutum*** by GL Nesom 1996,
 (*Sedum radiatum* ssp) ***depauperatum*** (Oregon, Calif) 1975,
 (*Sedum rhodocarpum* ssp) ***edwardsii*** (Tamaulipas) 1981 (na JL Edwards) —> ***Sedum edwardsii*** by

BL Turner 1995,

(*Sedum wrightii* ssp) **densiflorum** (Coahuila, Nuevo Leon, Tamaulipas) 1981,

(*Sedum wrightii* ssp) **priscum** (New Mex) 1979;

desc variety:

(*Sedum leibergii* var) **borschii** (Idaho, Montana) 1944 (na FJ Borsch) —> **Sedum borschii** by RT Clausen 1975.

† **Claverie**, Pascal; {Clav.}; France;

desc species:

(*Adenia*) **olaboensis** (Mada) 1909,

(*Adenia*) **perrieri** (Mada) 1909 (na JMH Perrier de la Bathie).

† **Clay**, Sampson (fl. 1937); {S.Clay};

Book [1937] *The Present Day Rock Garden* London, Eng; Eng; 681p; (includes genus *Lewisia*);

transfer species:

“*Oreobroma congdonii*” (PA Rydberg 1932) —> **Lewisia congdonii** 1937,

“*Oreobroma longipetalum*” (CV Piper 1913) —> **Lewisia longipetala** 1937.

† **Clayton**, (Mr) H; dir of agriculture, Burma 1912;

disc species:

(*Sansevieria*) **burmanica** (Burma) 1912 (desc by NE Brown 1915).

Clayton, Martin;

Book [2010] *Flora: The Aztec Herbal—The Paper Museum of Cassiano Dal Pozzo* [w L Guerrini & A de Avila] London, Eng; ?Eng?; 255p w 30 color photo text-figures, 6 photos & 41 facsimile color photos; features copy of original Codex Cruz-Badianus manuscript; (see M de la Cruz & EM Emmart on *The Badianus Manuscript*).



Clements, Joseph [Joe] Robert (9 Sep 1936–); US geologist, teacher, nurseryman &

horticulturist; BS in geology at Whittier College, Whittier, Calif; curator of Desert Garden at

Huntington Bot Gardens 1979–2001; dir of Rodman Arboretum at Pitzer College, Claremont, Calif

2001–2015; CSSA show judge 1980~; CSSA BoD 1976–2015 (40 yrs) & on show & judging committees;

worked w CSSA show & sale 1984–2015; IOS member 1992; CSSA Superior Service award 1993 &

Special Service award 2015; spouse Susan Clements;

Book [1995] *Dry Climate Gardening w Succ* [w JP Folsom, D Folsom, JN Trager & N Scott] NY; 224p w 356 color photos by JN Trager.

Clifford, Derek; British nurseryman; specialized in *Pelargonium*;

Book [1958] *Pelargoniums (Including the popular Geranium)* Dorset, Eng; Eng; 350p; (rev edition 1970).



† **Clive**, [née Herbert,] (Lady) Henrietta Antonia (3 Sep 1758–3 Jun 1830); English botanist,

rock & mineral collector; spouse (Lord) Edward Clive (7 Mar 1754–16 May 1839), Governor of Madras,

India;

disc species:

(*Stapelia*) **umbellata** (Coromandel Coast) (c1800) (desc by W Roxburgh 1819) —> **Caralluma umbellata** by AH Haworth 1812.

† **Cloe**, (Miss) F (fl. 1929);

disc species:

(Delosperma) **cloeteae** (Eastern Cape) 1929 (desc & nah by MG Lavis 1966).



†**Clokey**, Ira Waddell (21 Dec 1878–13 Jan 1950); {Clokey}; US mining engineer & botanist; MS in plant pathology at Iowa State Univ, Ames 1922; collected in Mex & Colorado & in Clark County, Nevada 1935–42; had herbarium of c100,000 specimens that went to Univ of Calif; spouse

Cleora [née Brooks] Clokey;

Book [1951] *Flora of the Charleston Mtns, Clark County, Nevada* Berkeley, Calif; Eng; 274p.

†**Clos**, (Dr med) Dominique (25 May 1821–19 Aug 1908); {Clos}; French physician & botanist; received medical degree in Paris 1845; prof of botany at Toulouse Univ 1853-1889;

Book [1860] *Du Coussinet et des Nœuds Vitaux dans les Planted, Spécialement dans les Cactées* Toulouse, France; French; 16p.

†**Cloudsley-Thompson**, (Dr) John Leonard (23 May 1921–4 Oct 2013); British zoologist; PhD at Univ of Cambridge, Eng; lecturer at King's College, London Univ 1950-1960; prof of zoology at Univ of Khartoum 1960~; spouse Anne Cloudsley-Thompson;

Book [1993] *Seed Germination in Desert Plants – Adaptations of Desert Organisms* [w Y Gutterman] Berlin, Ger; Eng; 253p.



†**Clover**, (Dr) Elzada Urseba (12 Sep 1897–2 Nov 1980); {Clov. or Clover}; US botanist; PhD at Univ of Michigan, Ann Arbor, Michigan 1935 w thesis "Vegetational Survey of the Lower Rio Grande Valley, Texas"; instructor 1936-59, prof 1960~ & curator of Bot Gardens 1957~ at Univ of Michigan; first woman [w ML Jotter] to boat down the Grand Canyon, Arizona 1938 in a Univ of Michigan expedition; writer & explorer of cacti in sw US; gave 2 programs at first CSSA Convention in St Louis in 1941; CSSA Fellow award 1945; IOS member 1955;

Book [1941] *Cacti of the Canyon of the Colorado River & Tributaries* [w ML Jotter]; Eng; 11p; (bulletin of Torrey Bot Club),

[1944] *Floristic Studies in the Canyon of the Colorado & Tributaries*; 50p;

desc species:

(Echinocereus) **gentryi** (Chihuahua, Sonora) 1938 (disc by H Gentry 1932 & nah) —> **Echinocereus**

scheeri ssp **gentryi** by NP Taylor 1997,

(Sclerocactus) **parviflorus** [w ML Jotter] (Arizona, Utah, Colorado, New Mex) 1941 (disc by both 1938);

disc form:

(Echinocereus enneacanthus fa) **brevispinus** (Texas, Coahuila, Nuevo Leon, Tamaulipas) 1953 (desc by

WO Moore 1967) —> **Echinocereus enneacanthus** ssp **brevispinus** by NP Taylor 1997.



†**Clusius**, Carolus [Carolus] [Charles de l'Écluse, Jules-Charles de l'Écluse,] (19 Feb 1526–4 Apr 1609); {Clus.}; Dutch botanist, natural historian & pharmacologist; trained as a lawyer at Univ of Louvain 1548; dir of imperial Habsburg gardens, Vienna 1573–87; succeeded R Dodonaeus as prof of botany at Univ of Leiden, Netherlands 1593~; started famous

Leiden Bot Garden; one of first who went beyond native plants to write about plants grown as ornamentals; introduced tulip, potato & chestnut into Europe;

Book [1557] translated R Dodonaeus' *Herball Cruydeboeck* (1554) into French,

[1583] *Rariorum Aliquot Stirpium, per Pannoniam, Austriam, & Vicinas Quasdam Provincias*

Observatorum Historia, Quatuor Libris Expressa Antwerp, Belgium; 766p w 364 woodcuts; (includes Sedum & Sempervivum species),

[1601] *Rariorum Plantarum Historia* Antwerp; 364p,

[1605] *Exoticorum Libri Decem*; Leiden; w early woodcut of *Senecio kleinia* from Canary Islands.

Coats, Barry;

disc species:

(Sedum) **burrito** (Veracruz) 1972 (desc by RV Moran 1977).



Coats, B [Bill] C (c1933–); US pharmacist; BS at Univ of Texas 1956; founder & owner of Aloe Vera of Amer that makes cosmetic & medicinal products from *Aloe vera* 1968–81;

Book [1979] *The Silent Healer – A Modern Study of Aloe vera* Garland; 301p; (2 editions 1984 & 1996).

Cobia, Mark E; US horticulturist; specialist in breeding Christmas Cactus cultivars in Winter Garden, Florida; owner of *BL Cobia, Inc.* nursery; introduced first yellow-flowered Christmas Cactus cultivar mid 1980s;
Book [1992] *Zygocactus (Schlumbergera): A Comprehensive & Practical Guide for the Weekend Gardener* Coffs Harbour, Australia; Eng; 64p w 52 color photos.

† **Cobo**, (Fr) Bernabé (1582–9 Oct 1657); Spanish Jesuit priest; to West Indies & S Amer 1596-1601; rector of college of Arequipa 1618–21, then at Pisco & at Callao to 1630; to Mex 1630-50 & to Peru 1650~;
Book [1653] *Historia del Nuevo Mundo* = "History of the New World"; Spanish; (1990 Eng version; Austin, Texas; 279p); refers to tuna *Opuntia* & pitahya - *Hylocereus*.



† **Cochise**, (1812–8 Jun 1874); US native Amer Indian leader, chief of Chiricahua Apache Indian Tribe in sw US & Mex;

genus nah:

Cochiseia (Arizona) (desc & nah by WH Earle 1976) (syn of *Escobaria* B&R).



† **Cockayne**, (Dr hc) Leonard C (7 Apr 1855–8 Jul 1934); {Cockayne}; British to Australia 1877 & to New Zealand c1880; teacher, horticulturist & botanist; honorary PhD from Univ of Munich 1903; FRS 1912;

transfer species:

"*Tillaea helmsii*" (T Kirk 1899) —> **Crassula helmsii** 1907.



† **Cockerell**, Theodore Dru Alison (22 Aug 1866–26 Jan 1948); {Cockerell}; British biologist, paleontologist, naturalist & entomologist (especially bees & scale insects); to US (Westcliff, Colorado) 1887; prof of zoology at Univ of Colorado (w/o any college degrees) 1887–90; back to Eng at British Museum & then curator of Public Museum, Kingston, Jamaica 1891–94; switched jobs w

CHT Townsend & ended up at New Mex College of Agriculture & Mechanical Arts 1894~; writer of some 3,900 scientific papers, essays, volumes of verse, & memoirs; first spouse Annie S [née Fenn] Cockerell (–c1893); second spouse W Cockerell;

species nah:

(Sedum) **cockerellii** (New Mex, Chihuahua) (desc & nah by NL Britton 1903);

transfer species:

"*Opuntia engelmannii* var *littoralis*" (GT Engelmann 1876) —> **Opuntia littoralis** 1905.



† **Cockerell**, [née Porter] Wilmatte (1871–15 Mar 1957); US biologist & naturalist; graduated at Stanford Univ 1898; collector in Central Amer w spouse; spouse TDA Cockerell;

genus nah:

Wilmattea (Guatemala, Honduras) (desc & nah by NL Britton & JN Rose 1920) (syn of *Hylocereus* B&R).



† **Cocucci**, (Dr) Alfredo Elio (20 Apr 1926– 21 Apr 2015); {Cocucci}; Argentinean botanist & artist; PhD at Natl Univ of Cordoba 1956 & prof there 1957-1993; spouse Nora Cocucci;

desc species:

(*Trianthema*) **argentina** [w AT Hunziker] (Argentina) 1959.



† **Codd**, (Dr) Leslie Edward Wostall (16 Sep 1908–2 Mar 1999); {Codd}; RSA botanist & taxonomist; DSc at Univ of S Africa 1941; plant breeder in dept of agriculture in British Guiana & RSA 1931–36; succeeded RA Dyer as dir of Bot Research Institute & Natl Herbarium, Pretoria, RSA 1937~; S African Medal for Botany award 1979; spouse Cynthia Codd;

Book [1962] *Wild Flowers of the Transvaal* [w RA Dyer & IC Verdoorn] Johannesburg, RSA; Eng; 362p; [w artist CL Letty],

[1981] *Bot Exploration of Southern Africa* [w M Gunn] Cape Town, RSA; Eng; 415p w 520 text figures of mostly portraits; (2nd edition, see HF Glen & G Germishuizen);

species nah:

(*Brachystelma*) **coddii** (Tanzania, Limpopo, Swaziland) (desc & nah by RA Dyer 1955);

disc species:

(*Brachystelma*) **stellatum** [w B de Winter] (Limpopo) (desc by EA Bruce & RA Dyer 1954),

(*Duvalia*) **procumbens** (Zimbabwe, Limpopo) 1949 (desc by RA Dyer 1956) —> **Huernia procumbens** by LC Leach 1969,

(*Euphorbia*) **rowlandii** (Limpopo) 1949 (desc by RA Dyer 1958 & na Rowland Jones);

desc species:

(*Plectranthus*) **dolomiticus** (Limpopo) 1984,

(*Plectranthus*) **ernstii** (Eastern Cape, Natal) 1982 (na EJ van Jaarsveld),

(*Plectranthus*) **mutabilis** (Mpumalanga) 1975,

(*Plectranthus*) **oribiensis** (Natal) 1980,

(*Plectranthus*) **ornatus** (Ethiopia to Tanzania) 1975,

(*Plectranthus*) **praetermissus** (Eastern Cape) 1979,

(*Plectranthus*) **psammophilus** (Natal) 1975,

(*Plectranthus*) **rubropunctatus** (Swaziland, Mpumalanga, Limpopo) 1975,

(*Plectranthus*) **unguentarius** (Namibia) 1975,

(*Plectranthus*) **xerophilus** (Mpumalanga, Limpopo) 1974,

(*Tetradenia*) **nervosa** (Mada) 1984,

(*Thorncroftia*) **media** (Mpumalanga) 1986;

transfer species:

“*Iboza barberae*” (NE Brown 1910) —> **Tetradenia barberae** 1983,

“*Iboza brevispicata*” (NE Brown 1910) —> **Tetradenia brevispicata** 1983,

“*Moschosma riparium*” (CFF Hochstetter 1845) —> **Tetradenia riparia** 1983.

“*Orthosiphon ambiguum*” (HML Bolus 1881) —> **Plectranthus ambiguus** 1964,

“*Plectranthus succulentus*” (RA Dyer & EA Bruce 1949) —> **Thorncroftia succulenta** 1961,

“*Plectranthus thorncroftii*” (SLM Moore 1918) —> **Thorncroftia thorncroftii** 1961,

“*Plectranthus tomentosus*” (G Bentham 1838) —> **Plectranthus hadiensis** var **tomentosus** 1985;

desc variety:

(*Plectranthus madagascariensis* var) **aliciae** (Eastern Cape, Natal) 1975 (na Alice Pegler)

—> **Plectranthus aliciae** by EJ van Jaarsveld & TJ Edwards 1997.



Coelho, Marylan (12 Feb 1970– ; Bahia; student at State Univ of Southwestern Bahia, Brazil;
disc species:
 (Arrojadoa) **marylanae** [w A de O Soares Filho] (Bahia) 2001 (desc & nah by
 A de O Soares Filho & M Machado 2003 & disc by A de O Soares Filho & M Coelho 2001).

Coetzee, Ben Johan (21 Apr 1943–); RSA botanist & ecologist; MSc at Pretoria Univ 1972; research officer of Natl Parks Board at Kruger Natl Park 1974–81; collected in Transvaal;

species nah:

(Bulbine) **coetzei** (Natal, Mpumalanga) (desc & nah by AA Obermeyer 1967).



† **Cogniaux**, Celestin **Alfred** (7 Apr 1841–15 Apr 1916); {Cogn.}; Belgian teacher & botanist; worked on Cucurbitaceae & Orchidaceae;

desc genus:

Brandegia (USA, Mex) 1890 (na TS Brandeggee),
Maximowiczia 1881 (na CJI Maximowicz) (syn of Ibervillea GREENE),
Trochomeriopsis (Mada) 1881;

desc species:

(Apodanthera) **congestiflora** (Brazil) 1916,
 (Citrullus) **ecirrhosus** (Namibia, RSA) 1888,
 (Coccinia) **ecirrhosa** (Ethiopia, Kenya, Somalia, Uganda) 1896 → **Cephalopentandra ecirrhosa** by C Jeffrey 1964,
 (Coccinia) **rehmannii** (Zimbabwe, Botswana, Namibia, RSA) 1895 (na A Rehmann),
 (Gerrardanthus) **parviflorus** (Tropical Africa) 1881 → **Cyclantheropsis parviflora** by HAT Harms 1896,
 (Momordica) **fasciculata** (Tanzania, Mozambique, Zimbabwe, Malawi) 1897 → **Eureiandra fasciculata** by C Jeffrey 1962,
 (Momordica) **sessiliflora** (Ethiopia, Somalia, Kenya) 1896,
 (Trochomeriopsis) **diversifolia** (Mada) 1881;

transfer species:

“Bryonia africana” (C Linnaeus 1753) → **Kedrostis africana** 1881,
 “Bryonia nana” (C de Lamarck 1783) → **Kedrostis nana** 1881,
 “Cephalandra sessilifolia” (OW Sonder 1862) → **Coccinia sessilifolia** 1881,
 “Cyrtanema molle” (G Kunze 1847) → **Kedrostis mollis** 1881.
 “Elaterium bigelovii” (RWM Watson 1890) → **Brandegia bigelovii** 1890,
 “Heterosicyos polymorphus” (FMJ Welwitsch 1869) → **Trochomeria polymorpha** 1881,
 “Momordica adoensis” (A Richard 1847) → **Coccinia adoensis** 1881,
 “Phialocarpus glomeruliflorus” (A Deflers 1895) → **Corallocarpus glomeruliflorus** 1916,
 “Rhynchocharpa hirtella” (CV Naudin 1862) → **Kedrostis hirtella** 1881,
 “Sicyos hederifolia” (J Decaisne 1834) → **Gynostemma hederifolium** 1881;

desc variety:

(Gerrardanthus grandiflorus var) **lobatus** (Nigeria, Uganda, Kenya, Tanzania, Malawi) 1916
 → **Gerrardanthus lobatus** by C Jeffrey 1962,
 (Peponia parviflora var) **trilobata** (Kenya, Tanzania) 1895 → **Coccinia trilobata** by C Jeffrey 1962.



† **Coimbra Filho**, (Dr) Adelmar Faria (4 Jun 1924–27 Jun 2016); Brazilian zoologist & primatologist; dir of Rio de Janeiro Primatology Center, Brazil;

species nah:

(Monvillea) **adelmarii** (Mato Grosso) (desc & nah by CT Rizzini & A de Mattos 1985) —> **Cereus adelmarii** by PJ Braun 1988.

† **Coincy**, Auguste Henri Cornut de [la Fontaine de] (1 Apr 1837–30 Jan 1903); {Coincy}; French botanist & taxonomist; collected in Spain & Morocco; member of Bot Soc of France;

desc variety:

(Boucerosia munbyana var) **hispanica** (Spain, Morocco) 1898 —> **Caralluma munbyana** var **hispanica** by RCJ Maire 1924.

Cole, (Dr) Catherine Anna (?1932?–); US botanist: PhD in botany at Univ of Michigan, Ann Arbor 1954; **Book** [1953] *Cactus Seeds & their Value as an Aid in Generic Segregation* Ann Arbor, Michigan; Eng; 143p; (PhD thesis); (reprint 1989 w 270p).



† **Cole**, (Prof) (Dr hc) **Desmond** Thorne (30 Oct 1922–25 May 2018); {D.T.Cole}; RSA linguist, amateur horticulturist & botanist in Lonehill; BA in Tswana & Zulu language, phonetics & social anthropology at Univ of Witwatersrand, Johannesburg (UWJ), RSA; MA from UWJ 1952; lecturer & prof of Bantu languages at UWJ 1948–82; honorary doctorate from UWJ 1988; studied, charted, photographed & collected *Lithops*, *Stapeliads* & other succ w spouse, NA Cole, in RSA, Botswana & Namibia c1947~;

IOS member 1971; Aloe, Cactus & Succ Soc of Zimbabwe Fellow award 1980; CSSA Fellow award 1983; SSSA Allen Dyer Medal 1992; contributor to D Sprechman's 1970 *Lithops* book;

Book [1973] *Lithops*; 34p,

[1979] *Lithops, Naturally* Emmarentia; Eng; 9p,

[1981] *Lithops Locality Data* Emmarentia; Eng; 12p,

[1987] *Lithops of SW Africa/Namibia* Namibia; Eng; 46p,

[1988] *Lithops-Flowering Stones* Johannesburg, RSA; Eng; 264p; art work by Gerhard Marx; (2nd edition in 2005 w NA Cole; Milano, Italy; Eng/Italian),

[1998] *Lithops, Sassi Fioriti* Italy; Italian; 260p;

desc species:

(*Lithops*) **coleorum** (Limpopo) (desc & nah & NA Cole by SA Hammer & R Uijs 1994),

(*Lithops*) **hermetica** (Namibia) 2000,

(*Lithops*) **naureeniae** (Little Namaq) 1980 (disc by PV Bruyns 1976 & na NA Cole),

(*Trichocaulon*) **felinum** (Cape) 1985 (disc by him 1974) —> **Larryleachia cactuformis** var **felina** by PV Bruyns 2005;

transfer species:

"*Lithops archerae*" (HW de Boer 1967) —> **Lithops pseudotruncatella** ssp **archerae** 1988,

"*Lithops bella*" (NE Brown 1922) —> **Lithops karasmontana** ssp **bella** 1988,

"*Lithops deboeri*" (MHG Schwantes 1952) —> **Lithops villetii** ssp **deboeri** 1988,

"*Lithops dendritica*" (GC Nel 1946) —> **Lithops pseudotruncatella** ssp **dendritica** 1988,

"*Lithops weberi*" (GC Nel 1940) —> **Lithops comptonii** var **weberi** 1973,

"*Mesemb eberlanzii*" (MK Dinter & MHG Schwantes 1925) —> **Lithops karasmontana** ssp **eberlanzii** 1988;

desc subsp:

(*Lithops lesliei* ssp) **burchellii** (Northern Cape) 1988 (disc by DT Cole & NA Cole 1977 & na WJ Burchell);

desc variety:

(*Lithops dinteri* var) **frederici** (Little Namaq) 1973 (disc by FT Herselman 1968 & nah)—> **Lithops dinteri** ssp **frederici** by DT Cole 1988;

transfer variety:

“*Lithops aucampiae* var *euniceae*” (HW de Boer 1966) → ***Lithops aucampiae* ssp *euniceae*** 1988,

“*Lithops dinteri* var *multipunctata*” (HW de Boer 1966) → ***Lithops dinteri* ssp *multipunctata*** 1988,

“*Lithops fulleri* var *kennedyi*” (HW de Boer 1967) → ***Lithops villetii* ssp *kennedyi*** 1988,

“*Lithops pseudotruncatella* var *brandbergensis*” (HW de Boer 1963) → ***Lithops gracilidelineata* ssp *brandbergensis*** 1988,

“*Lithops pseudotruncatella* var *groendrayensis*” (HJH Jacobsen 1961) → ***Lithops pseudotruncatella* ssp *groendrayensis*** 1988,

“*Lithops pseudotruncatella* var *volkii*” (HW de Boer & BK Boom 1961) → ***Lithops pseudotruncatella* ssp *volkii*** 1988;

“*Lithops schwantesii* var *gebseri*” (HW de Boer 1964) → ***Lithops schwantesii* ssp *gebseri*** 1988.

† **Cole**, (Miss) Edith (20 Jun 1859–Jun 1940); British explorer & plant collector in Somalia; collected on expedition to Berbera & Golis Mtns in British Somaliland w LJ Lort-Phillips 1894–95; sent specimens to Cambridge Bot Garden & Kew;

disc genus:

Edithcolea (Ethiopia, Socotra, Somalia, Uganda, Kenya, Tanzania) 1894 (desc & nah by NE Brown 1895);

disc species:

(Aloe) **somaliensis** (Somalia) 1894–95 (desc by W Watson 1899),

(Caralluma) **edithae** (Ethiopia, Somalia) c1895 (desc & nah by NE Brown 1895),

(Crassula) **coleae** (Somalia, Kenya, Tanzania) (desc & nah by JG Baker 1895) → ***Crassula volkensii* ssp *coleae*** by GE Wickens & M Bywater 1980,

(Edithcolea) **grandis** (Ethiopia, Socotra, Kenya, Uganda, Tanzania) 1894 (desc by NE Brown 1895).

Cole, [née Lambert,] **Naureen Adele** (9 Feb 1935–); RSA pharmacist & amateur botanist; studied pharmacy at Witwatersrand Technical College; explored & collected with spouse; spouse DT Cole;

Book 2005 *Lithops — Flowering Stones* [w DT Cole] Milano, Italy; Eng/Italian; 364p; (2nd edition of 1988 book by DT Cole);

speces nah:

(Lithops) **coleorum** (Limpopo) (desc & nah & DT Cole by SA Hammer & R Uijis 1994),

(Lithops) **naureeniae** (Little Namaq) (desc & nah by DT Cole 1980 & disc by PV Bruyns 1976);

disc subsp:

(Lithops lesliei ssp) **burchellii** [w DT Cole] (Northern Cape) 1977 (desc by DT Cole 1988 & na WJ Burchell).



Cole, Thomas Chappell (c1969–); {T.C.Cole}; US in Santa Barbara, Calif; MA at Tufts Univ, Medford, Massachusetts 2006; c-owner of *Cold Spring Aloes* plant nursery 1997~; specialize on succ plants from Africa & Arabian Peninsula;

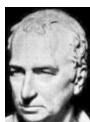
Book [2017] *Aloes of Uganda, A Field Guide* [w TG Forrest] Santa Barbara, Calif; Eng; 174p w over 150 color photos;

desc species:

(Aloe) **butiabana** [w TG Forrest] (Uganda) 2011 (disc by TC Cole 2006),

(Aloe) **wanalensis** [w TG Forrest] (Uganda) 2011 (disc by TC Cole 2005),

(Aloe) **lukeana** (Uganda) 2015 (na Luke Cole).



† **Colebrooke**, Henry Thomas (15 Jun 1765–18 Mar 1837); {Colebr.}; British orientalist & scholar of oriental studies; to India 1782; founded Royal Asiatic Soc of Bengal, India 1784; prof of Hindu law & Sanskrit at college of Fort William, India 1805–12; to Eng 1812; founder & dir of Royal Asiatic Soc in Eng 1823; explored & collected in India;

desc species:

(Dischidia) **bengalensis** (India, Nepal, Myanmar, Cambodia, Vietnam, Laos, Indonesia, Malaysia, Philippines, Thailand) 1817.



† **Colla**, Luigi Aloysius (23 Apr 1766–23 Dec 1848); {Colla}; Italian lawyer & botanist; owner of bot garden at Rivoli, near Torino, Italy;

Book [1824] *Hortus Ripulensis* Torino; 163p,

[1838] *Storia e Descrizione del Cactus senilis* Torino; 10p,

[1840] *Storia e Descrizione del cactus (Mamm) spiraeformis* Torino; 11p;

desc species:

(Cactus) **chiloensis** (Chile) 1827 —> **Echinopsis chiloensis** by H von Friedrich & GD Rowley 1974.



† **Collenette**, [née Darnton,] Iris **Sheila** (26 Aug 1927–24 July 2017);

{S.Collenette or Collen.}; British amateur botanist & photographer; explored & collected in Borneo 1953–67 & Saudi Arabia 1972; primary interest in Euphorbiaceae & Asclepiadaceae; FLS 1984; CSSA Fellow award 2005; spouse Peter Collenette;

Book [1985] *An illustrated guide to the Flowers of Saudi Arabia* London, Eng; Eng; 514p w over 1700 color photos,

[1998] *Checklist of Botanical Species in Saudi Arabia* West Sussex, UK; Eng; 89p,

[1999] *Wildflowers of Saudi Arabia*; Eng; 799p;

species nah:

(Aloe) **collenetteae** (Oman) (desc & nah by JJ Lavranos 1995);

disc species:

(Aloe) **sheilae** (Saudi Arabia) (desc & nah by JJ Lavranos 1985),

(Duvalia) **velutina** [w JJ Lavranos] (Saudi Arabia, Yemen) c1982 (desc by JJ Lavranos 1983),

(Rhytidocaulon) **sheilae** (Saudi Arabia) (desc & nah by DV Field 1981);

desc species:

(Aloe) **armatissima*** (Saudi Arabia) 2000,

(Aloe) **brunneodentata*** (Saudi Arabia) 2000,

(Aloe) **cephalophora*** (Saudi Arabia) 2000,

(Aloe) **edentata*** (Saudi Arabia) 2000,

(Aloe) **hijazensis*** (Saudi Arabia) 2000,

(Aloe) **parvicapsula** (Saudi Arabia) 2000,

(Aloe) **parvicoma*** (Saudi Arabia) 2000,

(Aloe) **porphyrostachys*** (Saudi Arabia) 2000,

(Aloe) **pseudorubroviolacea*** (Saudi Arabia) 2000,

(Aloe) **shadensis*** (Saudi Arabia) 2000,

(Aloe) **woodii*** (Saudi Arabia) 2000 (na JRI Wood),

(Ceropegia) **superba** [w DV Field] (Yemen, Saudi Arabia) 1984 —> **Ceropegia Arabica** var **superba** by PV Bruyns 1988;

*w JJ Lavranos

desc subsp:

(*Rhytidocaulon macrolobum* ssp) **minimum** [w U Meve] (Saudi Arabia, Yemen) 1999.

† **Collett**, (Gen) (Sir) Henry (6 Mar 1836–21 Dec 1901); {Collett}; British soldier & botanist; FLS 1879; collected in, Afghanistan, Burma, India, Java, Algeria, Canary Islands, Corsica & Spain;

desc species:

(*Brachystelma*) **edule** [w WB Hemsley] (India, Myanmar, China) 1890,
(*Ceropegia*) **nana** [w WB Hemsley] (Myanmar) 1890.

† **Collins**, Guy N (9 Aug 1872–14 Aug 1938); {G.N. Collins}; US geneticist; worked at USDA; explored in Africa, Costa Rica, Guatemala, Mex & Puerto Rico;

disc species:

(*Cephalocereus*) **collinsii** [w ? Cook] (Oaxaca) 1902 (desc by NL Britton & JN Rose 1923 & na GN Collins)
—> ***Pilosocereus collinsii*** by RS Byles & GD Rowley 1957,
(*Neomammillaria*) **collinsii** (Oaxaca) 1906 (desc & nah by NL Britton & JN Rose 1923) —> ***Mamm karwinskiana* ssp *collinsii*** by DR Hunt 1997.

† **Collins**, (Dr) John James (11 Sep 1938–17 Apr 1999); US anthropology educator; PhD at State University of New York, Buffalo, 1969; anthropology professor at various univ in US; spouse Mary Ann [née Geddes] Collins;

Book [1969] *Peyotism at Taos Pueblo & the Problem of Ceremonial Description*; Buffalo, NY.



† **Collom**, [née Wilson] Rose Eudora (1870–1956); US botanist in Arizona; attended Lindenwood College 1886-89; first paid botanist at Grand Canyon Natl Park 1938; charter member of Desert Botanical Garden, Phoenix Arizona 1937; collected in Gila County, Arizona; spouse Wilbert B Collum;

disc species:

(*Dudleya*) **collomiae** (Arizona) (desc & nah by CV Morton 1934) —> ***Dudleya saxosa* ssp *collomiae*** by RV Moran 1957.

Colomas, Jacqueline;

Book [1968] *Contribution à une étude de Physiologie de la Croissance Chez les Plantules de Pachycereus pringlei* (Swatta) B. & R.; 50p,

[1970] *Culture de Tissus de Pachycereus pringlei* (Swatts) B. & R.; 27p.



† **Columna**, Fabio [Latinized as Fabius Columna,] (1567–25 Jul 1640); Italian botanist, naturalist & illustrator; author of first bot book (*Phytobasanos* 1592) w copper-plated illustrations in which he also described the response of taking valerian for his own epilepsy;

genus nah:

Columnea (Mex, Caribbean Islands, Central & S Amer to Bolivia, Brazil) (desc & nah by C Linnaeus 1753).

Colorado C&SS;

Book [1996] *Growing C&S* Denver, Colorado, Eng; 101p.

Comer, Arthur L, Jr;

Book [2003] *The Beginner's Guide to Successfully Growing Tillandsias: Commonly Known as "Air Plants"* Midlothian, Virginia; Eng; 10p w color photos.



† **Commelijn**, [Commelin,] (Prof) (Dr med) **Caspar** [Casparus] (14 Oct 1667–25 Dec 1731); {C.Commelijn}; Dutch botanist, physician & historian; botanist & prof at physic garden in Amsterdam 1696; prof of botany at Amsterdam Athenaeum 1706~; uncle J Commelin; first spouse Johanna Commelijn (–1704); second spouse Maria [née van den Bosch] Commelijn (–1736);
Book [1703] *Praeludia Botanica* = “Intro to Botany” Leiden, Netherlands; Latin; 85p; (w 33 copper engravings, including woodcuts of Aloe, Euphorbia, Pelargonium & Haworthia),
 [1706] *Horti Medici Amstelaedamensis Plantae Rariores et Exoticae ad Vivum Aeri Incisae* Leiden; Latin/Dutch; 48p (w 48 leaves of woodcut plates, including Rochea, Cotyledon & Aloe); re-issued 1715.



† **Commelijn**, [Commelin,] Johannes [**Jan**] (23 Apr 1629–19 Jan 1692); {J.Commelijn}; Amsterdam, Netherlands; Dutch spice merchant, apothecary & botanist; founder & botanist at Hortus Medicus (Medical Garden), Amsterdam 1682; employed J & M Monincks to paint new plants and draw engravings; first spouse Digna [van Wissel] Commelijn (1633–1671); second spouse Belia [Vinck] Commelijn (1630–1697); nephew C Commelijn;
Book [1679] *Hortus Malabaricus*; early paintings of Indian succ; (in 12 Vols) (editor of, w Rheede Drakenstein), [1697–1701] *Horti Medici Amstelaedamensis Rariorum tam Orientalis* = “History of Rare Plants from the Medicinal Garden, Amsterdam” Amsterdam, Netherlands; Latin/Dutch; primary artist was J Moninckx; (completed & pub after his death by C Commelijn);
 [1697] Vol 1; 220p 110 copper plate engravings;
 [1701] Vol 2; 224p w 113 copper plate engravings (w first 4 illustrations of plants which today belong in genus Haworthia),
 [1702] *Catalogus Plantarum Horti Medici Amstelaedamensis* Amsterdam; 371p; (pub after his death);
 These books desc & illustrated [pre-Linnaeus] species of Aloe (of which some are currently known as Haworthia species) — see HB Oldenland for more detail.



† **Compton**, (Prof) (Dr hc) Robert **Harold** (6 Aug 1886–11 Jul 1979); {Compt.}; British botanist; MA at Cambridge Univ, Eng 1909; to RSA 1919; second dir at Natl Bot Gardens at Kirstenbosch & prof of botany at Univ of Cape Town, RS1919–53 (succeeding HHW Pearson); founded Compton Herbarium at Kirstenbosch & nah 1937; to Swaziland after retirement 1953–71; explorer & collector in s Africa; honorary doctorate from Univ of Cape Town, RSA 1968; founder & editor of Journal of S African Botany;
Book [1950] *Wild Flowers of the Cape of Good Hope* Kirstenbosch, RSA; 24p w 250 color plates by E Rice), [1965] Kirstenbosch, Garden for a Nation – Story of First 50 yrs of Natl Bot Gardens of S Africa 1913–63 Cape Town, RSA; Eng/Afrikaans; 168p,
 [1966] An Annotated check list of the Flora of Swaziland Kirstenbosch, RSA; 191p,
 [1976] Flora of Swaziland; 684p;

species nah:

(Aloe) **comptonii** (Western Cape, Eastern Cape) (desc & nah by GW Reynolds 1950) —> **Aloe mitriformis** ssp **comptonii** by BJM Zonneveld 2002,
 (Anacampseros) **comptonii** (Western Cape) (desc & nah by NS Pillans 1927),
 (Crassula) **comptonii** (Northern Cape) (desc & nah by J Hutchinson & NS Pillans 1946) —> **Crassula namaquensis** ssp **comptonii**, by HR Tolken 1975,
 (Cylindrophylloids) **comptonii** (Western Cape) (desc & nah by HML Bolus 1932),
 (Drosanthemum) **comptonii** (Western Cape) (desc & nah by HML Bolus 1929),
 (Haworthia) **comptoniana** (Eastern Cape) (desc by GG Smith 1945 & disc by MJ Malherbe)
 —> **Haworthia emelyae** var **comptoniana** by JD Venter & SA Hammer 1997,

(Mesemb) **comptonii** (Western Cape) (desc & nah by HML Bolus 1923) —> **Oscularia comptonii** by HEK Hartmann 1998,
 (Nananthus) **comptonii** (Orange Free State) (desc & nah by HML Bolus 1929) —> **Rabiea comptonii** by HML Bolus 1938,
 (Rhinephyllum) **comptonii** (Western Cape) (desc & nah by HML Bolus 1928),
 (Rimaria) **comptonii** (Western Cape) (desc & nah by HML Bolus 1932) —> **Gibbaeum comptonii** by HML Bolus 1937;
disc species:
 (Bulbine) **alba** (Western Cape) 1929 (desc by EJ van Jaarsveld 2001),
 (Conophytum) **comptonii** (Western Cape) (desc & nah by NE Brown 1927),
 (Lithops) **comptonii** (Northern Cape, Western Cape) 1929 (desc & nah by HML Bolus 1930);
desc species:
 (Aizoon) **karooicum** (Western Cape) 1931,
 (Bulbine) **succulenta** (Northern Cape, Western Cape) 1931,
 (Crassula) **archeri** 1931 (na J Archer),
 (Crassula) **pyrifolia** (Namibia, Northern Cape, Western Cape) 1932 —> **Crassula expansa** ssp **pyrifolia** by HR Tolken 1975,
 (Crassula) **rubella** (Western Cape) 1931 —> **Crassula atropurpurea** var **rubella** by HR Tolken 1975,
 (Crassula) **watermeyerii** (Northern Cape) 1931 (na EB Watermeyer) —> **Crassula atropurpurea** var **watermeyerii** by HR Tolken 1975,
 (Euphorbia) **juglans** (Little Karoo) 1935,
 (Kalanchoe) **alticola** (Swaziland, Limpopo) 1975,
 (Kalanchoe) **decumbens** (Swaziland) 1967,
 (Kalanchoe) **montana** (Swaziland, RSA) 1967 —> **Kalanchoe luciae** ssp **Montana** by HR Tolken 1978,
 (Kleinia) **cephalophora** (Little Namaq) 1949 —> **Senecio cephalophorus** by HJH Jacobsen 1956,
 (Kleinia) **ovoidea** (Western Cape) 1934 —> **Senecio ovoideus** by HJH Jacobsen 1951,
 (Liriothamnus) **adamsonii** (Northern Cape, Western Cape) 1931 (na RS Adamson) —> **Trachyandra adamsonii** by AA Obermeyer 1962,
 (Othonna) **intermedia** (Western Cape) 1949,
 (Othonna) **spektakelensis** (Northern Cape) 1953 —> **Othonna retrorsa** var **spektakelensis** by GD Rowley 1990,
 (Pelargonium) **karooicum** (Northern Cape, Western Cape) 1931,
 (Senecio) **addoensis** (Eastern Cape) 1934 —> **Senecio scaposus** var **addoensis** by GD Rowley 1990.

Comus, [née Wentworth,] Patricia; US; at Arizona-Sonora Desert Museum, Tucson;
Book [2000] *A Natural History of the Sonoran Desert* [w SJ Phillips] Berkeley, Calif; Eng; 650p w 32 color plates; (editors of).



Condy, (Ms) Gillian [Gill] Sara (5 Dec 1952–); RSA illustrator; MA at Royal College of Art, London 1976; artist at Natl Bot Institute at Pretoria, RSA 1983~; artist w 170 plates in *The Flowering Plants of Africa*; illustrator in 2 books by Charles Craib;

species nah:

(Aloe) **condyae** (Mpumalanga) (desc & nah by EJ van Jaarsveld & P Nel 2012);

disc species:

(Aloe) **craibii** (Mpumalanga) [w C Craib] (desc by GF Smith 2003 & na C Craib).

Congdon, T Colin E; British amateur naturalist; manager of tea estate in Tanzania; interested in butterflies;

disc species:

(Aloe) **congdonii** (Tanzania) (desc & nah by S Carter 1994).

† **Congdon**, Joseph Whipple (13 Apr 1834–5 Apr 1910); {Congdon}; US attorney & amateur botanist in San Francisco, Calif 1880~;

had a herbarium of c10,000 specimens; explored in Calif;

disc species:

(Oreobroma) **congdonii** (Calif) 1883 (desc by PA Rydberg 1937) —> **Lewisia condgonii** by S Clay 1937.

† **Coninck**, [Jongkindt-Coninck,] AMC;

Book [1926] *Dictionnaire Des Principaux Terms de Liste de Genres de Plants*; dictionary in 6 languages: Latin, Greek, French, Eng, Flemish, Dutch; 75p.

† **Conn**, K;

Book [1939] *Schone Kakteen fur den Liebhaber* Berlin; 24p.

† **Conner**, (Dr hc) Arthur Benjamin (20 Oct 1881–4 Aug 1971); US agronomist & developer of sorghum in Texas; MS in agriculture at Texas A&M, College Station 1923; scientific assistant at USDA, Chillicothe 1904–11; vice dir at Texas Agricultural Experiment Station, College Station, Texas 1911–28 & dir 1928–44; honorary PhD at Texas A&M 1948; spouse Nettie [née Rigby] Conner;

Book [1918] *The Utilization of Yucca for the Maintenance of Cattle* [w JM Jones] College Station, Texas; Eng; 23p.



† **Conrath**, Paul (3 Sep 1861–14 Mar 1931); {Conrath}; Bohemian botanist, chemist & naturalist to RSA c1895; manager of dynamite factory at Modderfontein, Transvaal, RSA; to Austria 1902 as dynamite specialist; explored & collected while in RSA;

disc species:

(Ceropegia) **conrathii** (Northern Prov, Gauteng, Natal) (desc & nah by FRR Schlechter 1905).

† **Console**, Michelangelo (24 Jul 1812–13 May 1897); {Console}; Italian botanist; prof of botany at Palermo Bot Garden, Italy; worked w AC Lemaire on Cactaceae;

genus nah:

Consolea (Brazil, Cuba, Dominican Rep, Haiti, Jamaica, Cayman Islands, Lesser Antilles, Puerto Rico, Florida, British Virgin Islands, US Virgin Islands) (desc by AC Lemaire 1862);

desc genus:

Myrtillocactus (Mex, Guatemala) 1897;

transfer species:

“Cereus geometrizzans” (LKG Pfeiffer 1837) —> **Myrtillocactus geometrizzans** 1897.

Consumer Guide Magazine Garden Quarterly;

Book [1976] *C&OS*; Eng; 66p w 77 color photos.

† **Contandriopoulos**, Juliette (1922–27 Feb 2011); {Contandr.}; French botanist; prof of biosystematique & Mediterranean ecology at Univ of Provence, Marseilles, France;

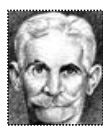
desc species:

(Sedum) **tymphaeum** [w PA Quezel] (Greece) 1967 —> **Prometheum tymphaeum** by H 't Hart 1995.

Contreras-Jimenez, [Jiménez,] José Luis Regino (10 Jun 1952–); {J.L.Contr.}; Mex botanist;

desc species:

(Neoevansia) **lazaro-cardenasii** [w CA Toledo Manzur, J Jimenez Ramirez & H Sanchez-Mejorada] (Michoacan, Guerrero) 1980 (na L Cardenas) —> **Peniocereus lazaro-cardenasii** by DR Hunt 1991.



† **Conzatti**, [Conzatti Bartolameotti,] (Prof) Cassiano (13 Aug 1862–2 Mar 1951); {Conz.}; Italian botanist & taxonomist; to Mex 1881; had bot garden & herbarium in Oaxaca; dir of natl herbarium 1917; collected in Mex & Chile;

Book [1947] *Flora Taxonomica Mexicana, Vol 2 – Monocotiledoneas* Mex City; 220p; (13p on Yuccas, 32p on Agaveas);

species nah:

(Portulaca) **conzattii** (Oaxaca, Nicaragua, Honduras) (desc & nah by P Wilson 1928),

(Sedum) **conzattii** (Oaxaca) (desc & nah by JN Rose 1903).



† **Cook**, Orator Fuller Jr (28 May 1867–23 Apr 1949); {O.F.Cook}, US botanist, entomologist & agronomist; BA at Syracuse University 1890; known for his work on cotton & rubber cultivation & for coining the term speciation, the process by which new species arise from existing ones;

disc species:

(Cephalocereus) **collinsii** [w GN Collins] (Oaxaca) 1902 (desc by NL Britton & JN Rose 1923 & na GN Collins) —> **Pilosocereus collinsii** by RS Byles & GD Rowley 1957.

† **Cooke**, Theodore (1836–5 Nov 1910); {T.Cooke}; Irish construction engineer, botanist & natural scientist in India; MA at Trinity College, Dublin 1859;

desc species:

(Kalanchoe) **bhidei** (India) 1903 (na RK Bhide),

(Plectranthus) **zuluensis** (Eastern Cape, Natal, Swaziland) 1909.

† **Coombs**, [née Hall,] Sarah Virginia (29 May 1869–29 Oct 1949); US; collected in RSA; spouse Jerome Walrath Coombs (1868–1917);

Book [1936] *S African Plants for Amer Gardens* NYC; Eng; 364p w 16 color photos; includes succ.

Cooper, J; US;

Book [1991] *Cactus* Vero Beach, Florida; Eng; 24p w 10 plates.

Cooper, [née Whitmore,] Joy ; US; MS at Univ of Arizona, Tucson 1964;

Book [1964] *Genetic & Cytological studies of Drosophila nigrospiracula in the Sonoran Desert* Tucson, Arizona, Eng; 40p; (MS thesis using natural substrates for larvae Carnegiea gigantea, Ferocactus wislizenii & Pachycereus pringlei).



† **Cooper**, Thomas (5 Sep 1815–16 May 1913); British cabinet maker & horticulturist; curator of exotic plant collection of WW Saunders & collected for him in RSA 1859–62; son-in-law NE Brown;

species nah:

(Aloe) **cooperi** (Natal, Mpumalanga, Swaziland) (desc & nah by JG Baker 1874 & disc by WJ Burchell 1814),

(Haworthia) **cooperi** (Eastern Cape) (desc & nah by JG Baker 1871),
(Mesemb) **cooperi** (Transvaal) (desc & nah by JD Hooker 1877) —> **Delosperma cooperi** by HML Bolus

1927;

disc species:

(Aloe) **deltoidea** (RSA) c1865 (desc by JD Hooker 1873) —> **Apicra deltoidea** by JG Baker 1880,

(Bowiea) **volubilis** (Kenya to RSA) 1862 (desc by JD Hooker 1867),

(Cotyledon) **cooperi** (Eastern Cape) 1860 (desc & nah by JG Baker 1869) —> **Adromischus cooperi** by

A Berger 1930,

(Cotyledon) **velutina** (Eastern Cape, Natal) (desc by JD Hooker 1868),

(Euphorbia) **cooperi** (Zimbabwe, Limpopo, Natal) 1861 (desc & nah by A Berger 1907),

(Euphorbia) **woodii** (Natal) 1861 (desc by NE Brown 1915 & na JM Wood),

(Stapelia) **conformis** (Eastern Cape) c1860 (desc by NE Brown 1909) —> **Stapelia macowanii** var

conformis by LC Leach 1985,

(Stapelia) **cooperi** (Northern Cape, Eastern Cape) c1860 (desc & nah by NE Brown 1909) —> **Orbea**

cooperi by LC Leach 1975.

† **Cooremans**, Adolphe; Brussels, Belgium;

Book [1934] *Les Cactees Chez l'Amateur (Generalitees, culture, multiplication, decoration)* Bruxelles, Belgium; 24p,

[1939] *Cactacees et Succulentes* = "Cacti & Succulents" Bruxelles; French; 99p.



Copacescu, Sorin Victor; Romanian printing engineer & horticulturist;

Book [1984] *Cactusii* [w B Bobirnac & V Grigoras] Craiova, Romania; Romanian; 364p + 92 plates,

[2001] *Cactusii, Monographie* București, Romania; 695p w 1,184 color photos.

Cope, (Dr) Thomas Arthur (1949–); {Cope}; British botanist; PhD at Manchester Univ 1976; botanist at Kew 1974~; collected in Bolivia; specializes in grasses;

Book [1996] *Flora of the Arabian Peninsula & Socotra, Vol 1* [w AG Miller] Edinburgh; 586p.

Copley, Gwendolyn [**Gwen**] (fl. 1940); Nairobi, Kenya gardener; spouse Hugh Copley, chief Fisheries Officer, Kenya;

species nah:

(Ceropegia) **copleyae** (Kenya) (desc & nah by EA Bruce & PRO Bally 1950) —> **Ceropegia crassifolia** var

copleyae by HFJ Huber 1957.

Coquen, Claude;

Book [1971] *Morphose Obtenue sous l'Influence de Différents Facteurs chez trois Espèces du Genre Euphorbia (Contribution à l'Interprétation du Cyathium)*; French; 180p.

† **Cordemoy**, (Dr med) Eugène **Jacob** de (13 Jul 1835–25 Jan 1911); {Cordem.}; French physician & botanist at Reunion; interested in orchids; spouse Camille de Cordemoy;

desc species:

(Trianthema) **littoralis** (Reunion) 1895,

(Trianthema) **camillii** (Mada, Reunion) 1895 (na ? Camill) —> **Zaleya camillii** by HEK Hartmann 2001.



† **Corderoy**, Justus (1832–1911); British miller & horticulturist; had c&s nursery w glasshouses heated by wood;

species nah:

(Crassula) **justi-corderoyi** (desc & nah by HJH Jacobsen & JKL von Poellnitz 1936),

(Stapelia) **corderoyi** (Northern Cape, Free State) (desc by JD Hooker 1874 & disc by J Burke 1840–41)

—> **Duvalia corderoyi** by NE Brown 1876.

† **Cordray**, AM; first editor (less than a year) of Baltimore Cactus Journal 1894, known as first journal in US & only 2nd in world to Ger Cactus Soc Journal in 1891; monthly issues of Baltimore Cactus Journal 1894–96 pub by FW Lantz.

Cornet, (Dr) Antoine Frédéric Elie (1945–); {A.Cornet}; French ecologist & engineer-agronomist; PhD in plant ecology at Montpellier Univ, France 1981; dir of research at Institut de Recherche pour le Developpement, Montpellier, France 1969~; chairman of French scientific committee on desertification; explored in Mada 1971–73, Senegal 1974–79 & Mex 1981–87; member of Agricultural Academy of France; **Book** [1985] *Las Cactaceas de la Reserva de la Biosfera de Mapimi* Mex City; Spanish; 53p w 35 color photos.

Cornett, James [Jim] W; US naturalist & ecologist; curator of natural history at Palm Springs Desert Museum; researching Joshua tree ecology in Joshua Tree Natl Park, Death Valley & Mojave Natl Reserve; member of Joshua Tree Natl Park Association;

Book [1994] *Saguaro (Answers to frequently asked questions)* Palm Springs, Calif; Eng; 28p,
[1999] *The Joshua Tree*; Eng.

† **Correa**, [Corrêa,] Manoel [Manuel] Pio (6 May 1874–21 Feb 1934); {M.P.Correa}; Portuguese naturalist, botanist, geologist & researcher; naturalist at bot garden of Rio de Janeiro, Brazil; collected in Brazil; later a researcher at Natural History Museum, Paris, France;

desc genus:

Doryanthes (Queensland, New S Wales) 1802;

desc species:

(*Doryanthes*) **excelsa** (New S Wales) 1802.

Correia, Cristiane MB; Brazil;

disc species

(*Rhipsalis*) **ormindoi** (Rio de Janeiro) 1990 (desc by NP Taylor & DC Zappi 1997 & na P Ormindoi).

† **Correll**, (Dr) Donovan Stewart (13 Apr 1908–28 Mar 1983); {Correll}; US botanist; PhD in botany at Harvard Univ 1939; researcher & botanist at Harvard Univ bot museum 1939–46; botanist at dept of agriculture, Beltsville, Maryland 1946–53; later at Fairchild Tropical Garden, Coral Gables, Florida; collected w spouse, (Dr) Helen Elizabeth (née Butts) Correll, at Bahama archipelago & Mex; specialized in ferns & orchids; **Book** [1970] *Manual of the Vascular Plants of Texas* [w MC Johnston] Renner, Texas; Eng; 1881p;

disc species:

(*Echinocereus viridiflorus* var) **correllii** [w LD Benson] (Texas) 1965 (desc & nah by LD Benson 1969)

—> **Echinocereus viridiflorus** ssp **correllii** by W Blum & M Lange 1998;

desc species:

(*Portulaca*) **minuta** (Bahamas) 1979,

(*Sesuvium*) **erectum** (Texas) 1966,

(*Sesuvium*) **trianthemoides** (Texas) 1966.

† **Correvon**, (Dr) Louis Henri [**Henry**] (15 Aug 1854–5 Nov 1939); {Correvon}; Swiss botanist, horticulturist & nurseryman; DSc at Univ of Geneva, Switzerland 1931; founder of *Jardin Alpin d'Acclimatation*, Geneva 1885; had garden at Chêne-Bourg 1902; dir of '*La Linnaea*' at Bourg-Saint-Pierre 1889–15; Eng translation of 1924 *Les Joubarbes* pub in serial form in *Natl Horticultural Magazine* 1930–31;
Book [1924] *Les Joubarbes (Semperviva)* Brussels, Belgium; Flemish/French; 133p w a 11p section "Essai d'une Bibliographie du Genre Sempervivum" by JF Schill; (Eng edition 1979; 82p),
[1930] *Rock Garden & Alpine Plants* NYC; Eng; 544p; includes winter hardy cacti, Cotyledon, Sedum & Sempervivum.

Corro, Anibal; Bolivian explorer; friend of M Cardenas;

species nah:

(Samaipaticereus) **corroanus** (Santa Cruz B) (desc & nah by M Cardenas 1952 & disc by JN Rose 1915);

disc species:

(Bolivicereus) **samaipatanus** (Santa Cruz B) 1949 (desc by M Cardenas 1951) —> **Cleistocactus**

samaipatanus by DR Hunt 1987,

(Cleistocactus) **brookeae** (Bolivia) 1949 (desc & na WMA Brooke by M Cardenas 1952).

† **Corry**, Thomas Avery (27 Feb 1862–18 May 1942); Peruvian railway engineer of Ingeniero Jefe de Ferrocarriles en Peru; explored in Peru & collected for NL Britton & JN Rose;

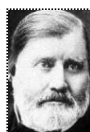
genus nah:

Corryocactus (Peru, Bolivia, Chile) (desc & nah by NL Britton & JN Rose 1920).

Cortes, G;

disc species:

(Echeveria) **nebulareum** [w H Iltis & G Castillo] (Veracruz, Oaxaca) 1951 (desc by RV Moran & MW Kimnach 2004).



† **Cosson**, (Dr med) Ernest Saint-Charles (22 Jul 1819–31 Dec 1889); {Coss.}; French physician, botanist & taxonomist; MD at Univ of Paris 1847; collected in Algeria 8 times 1852–80 & in Morocco & Tunisia 1883;

desc species:

(Euphorbia) **echinus** [w JD Hooker] (Morocco) 1874,

(Pistorinia) **brachyantha** (Morocco) 1875,

(Sedum) **multiceps** [w EM Durand] (Algeria) 1862,

(Sedum) **nevadense** (Morocco, Spain) 1852,

(Sedum) **surculosum** (Morocco) 1873,

(Sedum) **tuberosum** [w A-H Letourneux] (Tunisia into Algeria) 1875.

† **Costantin**, (Prof) (Dr) Julien-Noël (16 Aug 1857–17 Nov 1936); {Cost. or Costantin}; French botanist, pharmacist & naturalist; DSc at Paris Univ 1883; naturalist 1884–87, professor of botany 1901, prof of orogenography, physiology & paleobotany 1920 at Museum of Natural History in Paris; interested in fungi & mushrooms;

desc species:

(Hoya) **nummularioides** (Laos, Cambodia, Thailand, Vietnam) 1912,

(Pachypodium) **baronii** [w D Bois] (Mada) 1907 (disc by R Baron c1880 & nah),

(Pachypodium) **geayi** [w D Bois] (Mada) 1907 (disc by M Geay & nah),

(Pachypodium) **ramosum** [w D Bois] (Mada) 1907 —> **Pachypodium lamerei** var **ramosum** by M Pichon 1949,
(Pentopetia) **graminifolia** [w E-I Gallaud] (Mada) 1907 —> **Ischnolepis graminifolia** by J Klackenberg 1999,
(Sarcostemma) **decorsei** [w E-I Gallaud] (Mada) 1906 (na J Decorse).

Costanzo, Mariangela; Italy; secretary of Cactus & Co. International Soc (established 1996); student of Alpine succ Sedum, Sempervivum & related genera;

Book [1994] *Succ, The Illustrated Dictionary* [w M Sajeva] London, Eng; 239p,
[1999] *Succ II, The New Illustrated Dictionary* [w M Sajeva] Portland, Oregon; Eng; 236p.

Costello, David F;

Book [1941] *Prickly Pear Control* (on Short-grass Range in the Central Great Plains) DC; Eng; 6p.



Cota, [Cota-Sanchez,] (Prof) (Dr) Jorge **Hugo** (19 May 1956–); {Cota}; Mex to US to Canada; botanist & biologist; MSc in botany w thesis on cytotaxonomy of Echinocereus at The Claremont Graduate Univ & Rancho Santa Ana Bot Gardens 1992; PhD in botany (student of RS Wallace) w thesis on Ferocactus at Iowa State Univ, Ames, Iowa 1997; plant molecular systematist on c&s taxonomy at Univ of Missouri, St. Louis, Missouri 1997–99; specializing in research on evolution & phylogeny of epiphytic Cactaceae, associate prof of biology & curator of WP Fraser herbarium at Univ of Saskatchewan, Saskatoon, Canada 2000~; specialist group (Cactaceae) of species survival commission for the world conservation union, Geneve, Switzerland 1996~; explored in central & sw US, Argentina, Belize, Bolivia, Brazil, Guatemala, Mex & Peru; IOS member 1991;

Book [1996] *The Taxonomy & Ecology of the Genus Ferocactus (Explorations in the USA & Mex)* [w new studies of Ferocactus by JH Cota-Sanchez] Eng; 444p; (rev from 1956 PhD thesis by GE Lindsay).

Cottesloe, (Lady) Gloria [Gloria Jean Irene Dunn [née Hill]]; British writer of books; spouse 4th Baron Cottesloe John Walgrave Halford Fremantle] (2 Mar 1990–1994);

Book [1983] *The Duchess of Beaufort's Flowers* [w D Hunt] (forward by Duke of Beaufort) Devon, Eng; Eng; 64p w 32 full-page color plates by E Kychicus & Daniel Frankcom commissioned by Mary Somerset, first duchess of Beaufort; (includes Stapelia ariegata, Opuntia humifusa, Sedum sedoides, Aloe arborescens, & Mamm mammillaris).



† **Coues**, (Dr med) Elliott (9 Sep 1842–25 Dec 1899); US army surgeon (1864–81), ornithologist, naturalist, frontier historian & philosopher; MD at George Washington Univ 1863 & PhD 1869; naturalist for US N Boundary Commission 1873–76 & for US Geological & Geographical Survey of the western US Territories 1876–80; studied taxonomic classification of birds of N Amer; first spouse Jane Augusta [née McKenney] Coues; second spouse Emily [née Bates] Coues (–1906);

species nah:

(Agave) **couesii** (Arizona) (desc & nah by WA Trelease 1911) — > **Agave parryi** var **couesii** by TH Kearney & RH Peebles 1939.



† **Coulter**, (Dr) John Merle (20 Nov 1851–23 Dec 1928); {J.M.Coult.}; US botanist; botanist w FV Hayden on US Geological Survey in Rocky Mtns & western US States 1871–73; prof of Latin at colleges in Indiana ~1882; PhD from Indiana Univ 1882; pres of Indiana Univ 1891–93 & of Lake Forest College, Illinois 1893–96; botanist at Univ of Chicago 1896–25; scientific advisor at new Boyce Thompson Institute, Yonkers, NY 1925~; 2 papers (1894 & 1896) on Cactaceae paved way for later

revisions by KM Schumann & by NL Britton & JN Rose; founder & editor of *The Botanical Gazette* 1875~; spouse Grace Coulter;

Book [1874] *Synopsis of the Flora of Colorado* [w TC Porter] DC; Eng; 180p,

[1894] Preliminary Revision of the N Amer species of Cactus, Anhalonium & Lophophora DC; Eng; 41p; (reprint 1989),

[1896] Preliminary revision of the N Amer species of Echinocactus, Cereus & Opuntia DC; Eng; 105p; (reprint 1999 w 126p);

genus nah:

Coulterella (Baja Calif) (desc & nah by G Vasey & JN Rose 1890);

desc genus:

Lophophora (Texas, N Mex into Mex to Queretaro) 1894 (common name 'Peyote');

desc species:

(Cactus) **brandegeei** (Baja Calif) 1894 (disc by TS Brandegee 1889 & nah) —> **Mamm brandegeei** by K Brandegee 1897,

(Cactus) **densispinus** (San Luis Potosi, Queretaro, Guanajuato) 1894 —> **Mamm densispina** by CR Orcutt 1926,

(Cactus) **gabbii** (Baja Calif) 1894 (disc by WM Gabb 1867 & nah) —> **Mamm brandegeei** ssp **gabbii** by DR Hunt 1997,

(Cactus) **pringlei** (state of Mex) 1894 (disc by CG Pringle 1890 & nah) —> **Mamm pringlei** by MK Brandegee 1900,

(Cactus) **setispinus** (Baja Calif) 1894 (disc by WM Gabb 1867) —> **Mamm pondii** ssp **setispina** by DR Hunt 1997,

(Cereus) **alamosensis** (Sonora, Sinaloa) 1896 (disc by E Palmer 1890) —> **Stenocereus alamosensis** by AC Gibson & KE Horak 1979,

(Cereus) **bradtianus** (Coahuila) 1896 (disc by AB Nickels 1895 & na BM Bradt) —> **Grusonia bradtiana** by NL Britton & JN Rose 1919,

(Cereus) **brandegeei** (Baja Calif) 1896 (disc by TS Brandegee 1889 & nah) —> **Echinocereus brandegeei** by KM Schumann 1898,

(Cereus) **tetetzto** (Oaxaca, Puebla) 1896 (disc by FAC Weber 1864) —> **Neobuxbaumia tetetzto** by C Backeberg 1938,

(Cereus) **weberi** (Oaxaca, Puebla, Guerrero) 1896 (disc by FAC Weber 1864 & nah) —> **Pachycereus weberi** by C Backeberg 1960,

(Echinocactus) **erectocentrus** (Arizona, Sonora) 1896 —> **Sclerocactus erectocentrus** by NP Taylor 1987,

(Echinocactus) **sileri** (Arizona) 1896 (disc by AL Siler 1883 & nah) —> **Pediocactus sileri** by LD Benson 1961,

(Opuntia) **pycnantha** (Baja Calif, Magdalena Island) 1896 (disc by ? Agassiz 1872),

(Opuntia) **tesajo** (Baja Calif) 1896 —> **Cylindropuntia tesajo** by FM Knuth 1936,

(Opuntia) **versicolor** (Arizona, Sonora) 1896 (disc by CG Pringle 1881) —> **Cylindropuntia versicolor** by FM Knuth 1936;

transfer species:

“Echinocactus williamsii” (JMF Salm-Dyck 1845) —> **Lophophora williamsii** 1894,

“Yucca parviflora” (J Torrey 1859) —> **Hesperaloe parviflora** 1894;

desc variety:

(Cactus radiosus var) **alversonii** (Calif into Arizona) 1894 (disc by AH Alverson 1892 & nah) —> **Escobaria alversonii** by NP Taylor 1997,

(Echinocactus emoryi var) **rectispinus** (Baja Calif) 1896 —> **Ferocactus emoryi** ssp **rectispinus** by

NP Taylor 1998,

(*Echinocactus polycephalus* var) **xeranthemoides** (Arizona, Nevada, Utah) 1896 (disc by AL Siler 1881)
—> **Echinocactus polycephalus** ssp **xeranthemoides** by NP Taylor 1998.



† **Coulter**, (Dr med) Thomas (28 Sep 1793–26 Nov 1843); {Coult.}; Irish physician, botanist & naturalist; student of AP de Candolle in Geneva, Switzerland: collected cacti in Mex 1825–28 & 1834 & in s Calif w D Douglas 1831–33; first curator of herbarium at Trinity College, Dublin, Ireland 1834~, which received his 50,000 specimens;

disc species:

(*Cereus*) **marginatus** (Hidalgo, Queretaro, Guanajuato, México, Morelos, Puebla, Oaxaca, Colima, Michoacan, Guerrero) c1827 (desc by AP de Candolle 1828) —> **Pachycereus marginatus** by NL Britton & JN Rose 1909,

(*Cereus*) **pentalophus** (Nuevo Leon, Guanajuato, San Luis Potosi, Hidalgo, Queretaro, Tamaulipas) c1827 (desc by AP de Candolle 1828) —> **Echinocereus pentalophus** by AC Lemaire 1868,

(*Cereus*) **polylophus** (Hidalgo, Queretaro, Guanajuato, San Luis Potosi) c1827 (desc by AP de Candolle 1828) —> **Neobuxbaumia polylopha** by C Backeberg 1938,

(*Cereus*) **spinulosus** (Mex) c1827 (desc by AP de Candolle 1828) —> **Selenicereus spinulosus** by NL Britton & JN Rose 1909,

(*Echinocactus*) **crispatus** (Puebla, Oaxaca, Tlaxcala, Hidalgo, México) c1827 (desc by AP de Candolle 1828) —> **Stenocactus crispatus** by AW Hill 1933,

(*Echinocactus*) **echidne** (Hidalgo, San Luis Potosi, Queretaro, Tamaulipas, Guanajuato, Nuevo Leon) c1827 (desc by AP de Candolle 1834)

—> **Ferocactus echidne** by NL Britton & JN Rose 1922,

(*Echinocactus*) **glaucescens** (Hidalgo, Guanajuato, Queretaro, San Luis Potosi) c1827 (desc by AP de Candolle 1829) —> **Ferocactus glaucescens** by NL Britton & JN Rose 1922,

(*Echinocactus*) **histris** (Hidalgo to Jalisco, San Luis Potosi & Zacatecas) c1827 (desc by AP de Candolle 1828) —> **Ferocactus histris** by GE Lindsay 1955,

(*Echinocactus*) **ornatus** (Hidalgo, Queretaro, San Luis Potosi, Guanajuato) c1827 (desc by AP de Candolle 1828) —> **Astrophytum ornatum** by NL Britton & JN Rose 1922,

(Mamm) **compressa** (Hidalgo, Queretaro) c1827 (desc by AP de Candolle 1828),

(Mamm) **conoidea** (Texas, Mex) c1827 (desc by AP de Candolle 1828) —> **Neolloydia conoidea** by NL Britton & JN Rose 1922,

(Mamm) **cornifera** (Hidalgo, Queretaro, Guanajuato, Jalisco, San Luis Potosi, Zacatecas) c1827 (desc by AP de Candolle 1828) —> **Coryphantha cornifera** by AC Lemaire 1868,

(Mamm) **crinita** (Hidalgo, San Luis Potosi, Zacatecas, Queretaro, Guanajuato, Michoacan, Aguascalientes) c1827 (desc by AP de Candolle 1829),

(Mamm) **disciformis** (Queretaro, Hidalgo, Guanajuato) c1827 (desc by AP de Candolle 1828)
—> **Strombocactus disciformis** by NL Britton & JN Rose 1922,

(Mamm) **echinaria** (Hidalgo) c1827 (desc by AP de Candolle 1828) —> **Mamm elongata** ssp **echinaria** by DR Hunt 1997,

(Mamm) **elongata** (Hidalgo) c1827 (desc by AP de Candolle 1828),

(Mamm) **longimamma** (Hidalgo) c1827 (desc by AP de Candolle 1828),

(Mamm) **octacantha** (Hidalgo, Queretaro, San Luis Potosi, Tamaulipas) c1827 (desc by AP de Candolle 1828) —> **Coryphantha octacantha** by NL Britton & JN Rose 1923,

(Mamm) **sempervivi** (Hidalgo) c1827 (desc by AP de Candolle 1828),

(*Opuntia*) **kleiniae** (Texas, New Mex, Coahuila, Chihuahua, Durango, Nuevo Leon) c1827 (desc by

AP de Candolle 1928) —> **Cylindropuntia kleiniae** by FM Knuth 1936,
(Opuntia) **leptocaulis** (Arizona, New Mex, Oklahoma, Texas, Chihuahua, Coahuila, Durango,
Nuevo Leon, Sonora, San Luis Potosi, Tamaulipas, Zacatecas) c1827 (desc by AP de Candolle 1828)
—> **Cylindropuntia leptocaulis** by FM Knuth 1936,° (Opuntia) **leucotricha** (Durango, Guanajuato, Hidalgo,
Jalisco, Queretaro, San Luis Potosi, Zacatecas) c1827 (desc by AP de Candolle 1828).

Countryside Books;

†**Cours Darne**, Gilbert (1909–2001); French botanist & agronomist; to Mada 1931 in various
positions to 1961; created 5 hectar 'Arboretum **Book** [1976] C&S Barrington, Illinois; Eng; 48p w 16 plates.

Courbebaisse, Jacqueline; France;

Book [1953] *Recherches Morphologiques sur les Zygodactylus truncatus Haw. et Schlumbergera gaertneri B. & R.; Étude des Aréoles* Paris, France; French; 47p. Coursiana' in La Romieu, France 1979; collected in Mada 1936–66, in Reunion 1953, in Gabon 1965 & in Ecuador 1968;

species nah:

(Cissus) **coursii** (Mada) (desc & nah by BM Descouings 1965).



Court, [née Morris,] Grace **Doreen** (16 Aug 1928–); RSA teacher & botanist; BSc 1951 &
MSc 1982 at Rhodes Univ, Grahamstown, RSA; teacher in Zimbabwe 1963–78; lecturer in botany at
dept of Plant Sciences, Rhodes Univ 1979~; taxonomic work at Compton Herbarium, Kirstenbosch,
RSA; interested in succ; collected in s Africa; spouse Jack Gilroy Court; mother FN Morris;

Book [1981] *Succ flora of Southern Africa (A Comprehensive & Authoritative Guide to Indigenous Succ of S Africa, Botswana, SW Africa, Angola, Zambia, Zimbabwe & Mozambique)* Cape Town, RSA; Eng; 224p w 279
color photos; (rev 2000; 300p w 470 color photos & rev 2011; 336p w 527 color photos); (Rev 2010 w 336p).



†**Coville**, (Dr hc) Frederick Vernon (23 Mar 1867–9 Jan 1937); {Cov.}; US botanist;
BA at Cornell Univ 1887; botanist at USDA 1888~; botanist on CH Merriam Death Valley expedition
1890–91; honorary curator at US Natl Herbarium, Smithsonian Institute 1893~; honorary DSc from
George Washington Univ 1921; pres of Biological Soc 1899–1900 & Bot Soc 1903 of Washington,

Washington Academy of Science 1912, Cosmos Club 1915 & Arts Club 1927–29; collected in Mex,

Book [1893] *Botany of the Death Valley Expedition* DC; Eng; 363p;

species nah:

(Ferocactus) **covillei** (Arizona into Sonora) (desc & nah by NL Britton & JN Rose 1922 & disc by
CG Pringle 1884) —> **Ferocactus emoryi** ssp **covillei** by DR Hunt & MA Dimmitt 2005;

desc species:

(Pachycormus) **discolor** (Baja Calif) 1911.

†**Cowell**, John (fl. 1690s–1730); British horticulturist; nurseryman of succ at Hoxton, London 1718~;
made 2 trips to US;

Book [1730] *The Curious & Profitable Gardener* London, Eng; in 4 Parts; 126p; (Part 2; 67p; includes engraved
prints of Aloe (Agave) 32p & Cereus 11p); 2nd edition 1732.

†**Cowell**, John Francis (3 Mar 1852–1 May 1915); {J.F.Cowell}; US botanist & lawyer; studied law in
Boston, Massachusetts; prof of botany at Univ of Buffalo, NY 1874–94; first dir of Buffalo & Erie County bot
gardens, NY 1894~;

disc species:

(Leptocereus) **arboreus** [w NL Britton & WH Earle] (Cuba) 1911 (desc by NL Britton & JN Rose 1912),
(Leptocereus) **sylvestris** [w NL Britton & JA Shafer] (Cuba) 1912 (desc by NL Britton & JN Rose 1920).



Cowling, (Prof) (Dr) Richard Mark (1955–); RSA botanist; PhD at Univ of Cape Town 1983; researcher at Univ of Port Elizabeth 1984–86, lecturer & prof of botany at Univ of Cape Town 1987–98 & 2000; adjunct professional fellow 1999 & prof 2001 at School of Environmental Biology,

Curtin University, Perth, Australia; explored in RSA 1979~;

Book 1997] *Vegetation of s Africa* [w DM Richardson & SM Pierce] Cambridge, Eng; Eng; 615p; (editors of),
[1999] *Namaq: A Succ Desert* [w SM Pierce] Vlaeberg, RSA; 156p w 330 color photos.



†**Cox**, John (26 May 1941–8 Jan 2017); Britain; member of Bradford branch most of his life; joined NCSS in 1954; RHM award in 2007; spouse Lynn Cox;

Book [2011] *BCSS History* Leeds, England; Eng;

[2016] *In the Footsteps of Herbert Michael Roan* Leeds; Eng; 97p.

†**Cox**, G;

disc species:

(Opuntia) **patagonica** (Argentina) 1863 (desc by RA Philippi 1863) —> **Maihuenia patagonica** by NL Britton & JN Rose 1919.

Coyle, Jeanette; US biologist; MS in biology at San Francisco State Univ, Calif; park naturalist in 5 Calif State Park System; math & science teacher in San Diego area;

Book [1975] *A Field Guide to Common & Interesting Plants of Baja* [w NC Roberts] LaJolla, Calif; Eng; 206p.



†**Craib**, Charles Louis (21 May 1954–19 Mar 2012); RSA social anthropologist, natural historian & horticulturist; Master of Philosophy in social anthropology at Univ of Cambridge, UK; worked at Chamber of Mines Research Organization, Johannesburg, RSA; nurseryman at *Penrock Nursery* n of Johannesburg late 1990s~; interested in grass Aloes;

Book [1992] *The Natural Habit & Cultivation of Some Southern African Succ Pelargiums*; 27p,

[1995] *The Sarcocaulons of S Africa* Northlands, RSA; Eng; 60p,

[2001] *Geophytic Pelargoniums* Hatfield, RSA; Eng; 126p,

[2005] *Grass Aloes in the S African Veld* Hatfield, RSA; Eng; 153p w 42 color paintings by Gillian Condry & 17 drawings by Murray Ralfe,

[2011] *The Bushman Candles* [w JJ Lavranos] Gauteng, RSA; Eng; 194p;

disc species:

(Aloe) **craibii** (Mpumalanga) [w G Condry] (desc & na C Craib by GF Smith 2003).

†**Craib**, (Prof) Wm Grant (10 Mar 1882–1 Sep 1933); {Craib}; British botanist at royal Bot Gardens, Calcutta 1908–20; prof of botany in Aberdeen, Edinburgh & Kew 1920~; FLS 1920;

Book [1931] *Florae Siamensis Enumeratio* [w A Kerr] Bangkok, Thailand; Eng; 100p;

species nah:

(Kalanchoe) **craibii** (Thailand) (desc & nah by Raymond-Hamet 1914);

desc species:

(Ceropegia) **sootepensis** (Thailand) 1911,

(Dischidia) **singularis** (Thailand) 1911,

(Euphorbia) **kerrii** (Myanmar, Thailand) 1911 (na AFG Kerr),

(Euphorbia) **lacei** (Thailand, Myanmar) 1911 (na JH Lace),
 (Hoya) **kerrii** (China, Cambodia, Laos, Vietnam, Thailand, Java) 1911 (na AFG Kerr),
 (Hoya) **siamica** (India, Cambodia, Laos, Thailand, Vietnam) 1911,
 (Sempervivum) **ciliolum** (Balkans) 1914,
 (Stephania) **erecta** (Thailand) 1922.



† **Craig, Robert** Theodore (22 Jul 1902–14 Jul 1986); {R.T.Craig}; US dentist & amateur botanist in Baldwin Park, Calif; specialized in *Mamm* genus; explored & collected in Mex & sw US in search of *Mamm*s w spouse IY Craig 1928~, also w GE Lindsay 1939; first recipient of CSSA Fellow award 1940; CSSA pres 1949–50; IOS member 1955; spouse Ina Y Craig;

Book [1945] *The Mamm Handbook* Pasadena, Calif; Eng; 390p;

disc species:

(Echeveria) **craigiana** [w GE Lindsay] (Chihuahua, Sonora) 1939 (desc & nah by EE Walther 1952),
 (Sedum) **craigi** [w GE Lindsay] (Chihuahua) 1939 (desc & nah by RT Clausen 1943);

desc species:

(*Mamm*) **angelensis** (Angel de la Guarda & Ventana Islands off Baja Calif) 1945 (disc by IM Johnston early 1920s) —> **Mamm dioica** ssp **angelensis** by DR Hunt 1998,
 (*Mamm*) **bocensis** (Sonora) 1945 (disc by HS Gentry 1937),
 (*Mamm*) **duoformis** [w EY Dawson] (Puebla, Oaxaca) 1948 (disc by EY Dawson 1947),
 (*Mamm*) **fera-rubra** (Queretaro, Michoacan, Mexico) 1945 —> **Mamm rhodantha** ssp **fera-rubra** by DR Hunt 1997,
 (*Mamm*) **nejapensis** [w EY Dawson] (Oaxaca) 1948 (disc by EY Dawson 1947) —> **Mamm karwinskiana** ssp **nejapensis** by DR Hunt 1997,
 (*Mamm*) **neopalmeri** (San Benito Island off Baja Calif) 1945 (disc by E Palmer 1889 & nah),
 (*Mamm*) **pseudocrucigera** (Queretaro) 1945 (disc by F Schmoll 1937) —> **Mamm formosa** ssp **pseudocrucigera** by DR Hunt 1997,
 (*Mamm*) **sonorensis** (Sonora) 1940,
 (*Mamm*) **yaquensis** (Sonora) 1945 (disc by him & JW Hilton 1937) —> **Mamm thornberi** ssp **yaquensis** by DR Hunt 1997;
transfer species:
 “*Neomammillaria capensis*” (HE Gates 1933) —> **Mamm capensis** 1945.

Craven, [née Larkin,] Patricia (23 Sep 1951–); Namibian botanist; BSc at Univ of S Africa 1977; interested in edible & poisonous plants; explorer & collector; spouse (Dr) Daniel G Craven;
Book [1986] *Namib Flora – Swakopmund to Giant Welwitschia via Goanikontes* Goodwood, RSA; 126p,
 [1993] *Damaraland Flora. Spitzkoppe, Brandberg, Twyfelfountain* Windhoek, Namibia; Eng; 128p w 50 color plates; (w illustrator Christine Marais),
 [1999] *A Checklist of Namibian Plant Species* Windhoek, Namibia; Eng; 204 p.

† **Creeth**, (Miss) ?; Western Australia;

disc species:

(*Calandrinia*) **creethae** (Western Australia) (desc & nah by A Morrison 1912) —> **Parakeelya creethae** by MA Hershkovitz 1999.



Cremers, Georges Alexis (3 Aug 1936–); {Cremers}; French botanist & agricultural engineer; worked for Office de la Recherche Scientifique et Technique d'Outre-Mer in Ivory Coast 1962–70, in Mada 1970–75, at Paris Museum 1975–76 & in French Guiana 1976~; collected in Ivory Coast

1962–70, in Niger 1968, in Mada 1970–75 & in Guyana, French Guiana & Brazil;

species nah:

(Aloe) **cremersii** (Mada) (desc & nah by JJ Lavranos 1974),

(Euphorbia) **cremersii** (Mada) (desc & nah by WHH Rauh & A Razafindratsira 1991 & disc by A Razafindratsira 1987);

desc species:

(Aloe) **guillaumetii** (Mada) 1976 (disc by G Cremers & na JL Guillaumet),

(Aloe) **peyrierasii** (Mada) 1976 (disc by him & na A Peyrieras),

(Euphorbia) **famatamboay** [w El Friedmann] (Mada) 1976;

(Euphorbia) **imerina** (Mada) 1984;

transfer species:

“Euphorbia ambatofinandranae (JD Leandri 1966) —> Euphorbia stenoclada ssp ambatofinandranae 1978;

desc subsp:

(Euphorbia enterophora ssp) **crassa** (Mada) 1978;

(Euphorbia famatamboay ssp) **itampolensis** [w El Friedmann] (Mada) 1976;

desc variety:

(Euphorbia decaryi var) **ampanihyensis** (Mada) 1984,

(Euphorbia decaryi var) **robinson** (Mada) 1984,

(Euphorbia francoisii var) **rakotozafyi** (Mada) 1984 (na A Rakotozafy) —> **Euphorbia cremersii** var **rakotozafyi** by WHH Rauh 1995,

(Euphorbia moratii var) **antsingiensis** (Mada) 1984,

(Euphorbia moratii var) **bemarahensis** (Mada) 1984.

† **Cretin**, (Dr med) Monsieur (fl. 1916); Frenchman physician & friend of Raymond-Hamet;

species nah:

(Sedum) **cretinii** (India, Nepal, Bhutan, Sikkim, Tibet) (desc & nah by Raymond-Hamet 1916)

—> **Rhodiola cretinii** by H Ohba 1976.



Criekinge, Louis van (fl. 1986); {van Crik.}; Belgium botanist;

desc species:

(Micranthocereus) **streckeri** [w W van Heek] (Bahia) 1986 (disc by both 1985 & na W Strecker).

† **Crkal**, Karel (22 Apr 1927–25 May 1993); Czech horticulturist & historian;

Book [1982] *Chrudim a Počátky Kaktusářství v Československu* Zari, Czecholovakia; Czech; 41p + 8 plates,

[1983] *Lovec Kaktusu* (A.V. Fric) Prague, Czech Rep; Czech; 431p w 110 color photos.



† **Crockett**, James [Jim] Underwood (9 Oct 1915–11 Jul 1979); US horticulturist & author of gardening books; TV host of 'Crockett's Victory Garden';

Book [1972] *Foliage House Plants* NYC; Eng; 160p; Time-Life series; includes c&s.

Croix, IF la — See **la Croix**, IF.



† **Croizat**, (Dr) Léon Camille Marius (16 Jul 1894–30 Nov 1982); {Croiz.}; Italian lawyer, biogeographer & botanist; LLD at Univ of Turin, Italy 1920; to US 1923; botanist at Arnold Arboretum, Jamaica Plain, Massachusetts 1938–47; to Venezuela 1947–52;

Book [1934] *De Euphorbio Antiquorum Atque Officinarum* = “Euphorbia of the Ancients & Apothecaries” NY; Eng; 127p,
 [1943] *Notes on the Cactaceae, The Typification of Echinocactus* Buenos Aires, Argentina; Eng; 19p,
 [1945] *A Study of the Genus Lophophora—Coulter 1943–1945*; S Pasadena, Calif; Eng; 56p,
 [1965] *An Intro to the Subgeneric Classification of Euphorbia L., with Stress on the S African & Malagasy Species* Italy; Eng; 133p,
 [1973] *Les Euphorbiacees Vues en Elles-Memes. Et Dans Leurs Rapports Envers L’Angiospermie en General* Coimbra, Venezuela; French; 207p;

desc genus:

Navajoa (Colorado) 1943 (syn of *Pediocactus* B&R);

species nah:

(*Euphorbia*) **croizatii** (Mada) (desc & nah by JD Leandri 1946);

desc species:

(*Acanthocereus*) **sicariguensis** [w F Tamayo] (Venezuela, Colombia) 1947 —> **Pseudoacanthocereus sicariguensis** by NP Taylor 1992,
 (*Elaeophorbia*) **hiernii** (Angola) 1936 (na WP Hiern),
 (*Euphorbia*) **barnhartii** (India, Thailand) 1934 (na JH Barnhart),
 (*Euphorbia*) **bevilaniensis** (Mada) 1934 —> **Euphorbia milii** var **bevilaniensis** by E Ursch & JD Leandri 1955,
 (*Euphorbia*) **deightonii** (Sierra Leone) 1938 (na FC Deighton),
 (*Euphorbia*) **invaginata** (Paraguay) 1943,
 (*Euphorbia*) **mayuranathanii** (India) 1940 (disc by PV Mayuranathan 1938 & nah),
 (*Euphorbia*) **stormiae** (Michoacan) 1939 (na M Storm) —> **Euphorbia radians** var **stormiae** by J Rzedowski & G Calderon 1987,
 (*Navajoa*) **peeblesiana** (Arizona) 1943 (na RH Peebles) —> **Pediocactus peeblesianus** by LD Benson 1962,
 (*Pedilanthus*) **coalcomanensis** (Michoacan) 1843 (disc by GB Hinton 1941),
 (*Pilocereus*) **mortensenii** (Venezuela) 1950 (disc by RH Mortensen 1949 & nah) —> **Cereus mortensenii** by DR Hunt & NP Taylor 1991;

transfer species:

“*Euphorbia grandifolia*” (AH Haworth 1812) —> **Elaeophorbia grandifolia** 1938.



Crombez, (Dr) Edmond; Belgian;

Book [1985] *Gymnocalycium* Roeselare, Belgium; Dutch; 49p.

† **Cronmeyer**, G

species nah:

(Mesemb) **cronmeyerianum** (Cape) (desc & nah by A Berger 1922) —> **Delosperma cronmeyerianum** by HJ Jacobsen 1960.

† **Cronwright**, WE; Pietermaritzburg, Natal; interested in genus *Ceropegia* succ plants;

disc species:

(*Ceropegia*) **cyniflora** (Natal) 1936 (desc by RA Dyer 1978).

Crook, (Dr med) Ivor (7 Jul 1958–); {I.Crook}; British physician in Manchester, Eng; explored in Brazil 2004, Mex 2006, Namibia 2015 & Peru 2002;

transfer species:

"Opuntia lagopus" (KM Schumann 1903) —> **Austrocylindropuntia lagopus** [w J Arnold & M Lowry] 2003.



Crouch, (Dr) Neil Robert (29 Jan 1967–); RSA botanists; PhD in biology & biomedical science at Univ of Natal 1993; ethnobotanist at Natl Biodiversity Institute, KwaZulu-Natal Herbarium 1994~; honorary research fellow in school of pure & applied chemistry at Univ of Natal, Durban 1998~;

Book [2009] *Guide to Succulents of Southern Africa* [w GF Smith] S Africa; Eng; 136p w 458 color photos;

[2011] *Naturalised & Invasive Succulents of Southern Africa, ABC Taxa Journal Vol 11* [w M Walters, E Figueiredo, PJD Winter, GF Smith, HG Zimmermann & BK Mashope]; RSA; Eng; 360p;

[2017] *Field Guide to Succulents in Southern Africa* [w GF Smith & E Figueiredo]; Eng; 464p;

disc species:

(Aloe) **neilcrouchii** [w I Johnson] (KwaZulu-Natal) 2009 (desc by RR Klopper & GF Smith 2010 & na Neil R Crouch);

desc species:

(Aloe) **nicholsii** [w GF Smith] (KwaZulu-Natal) 2010 (disc by G Nichols & nah),

(Aloe) **sharoniae** [w GF Smith] (KwaZulu-Natal) 2011 (na S Louw).

Crouch, Steve; US;

Book [1976] *Desert Country* NYC; Eng; 160p.

† **Croucher**, George (1833–1905); {Croucher}; British botanist;

desc species:

(Agave) **peacockii** (Mex) 1873 (na JT Peacock),

(Echeveria) **peacockii** (Puebla) 1874 (na JT Peacock).

† **Croucher**, Joseph (13 Mar 1838–1917); British gardener; head gardener of succ plants for JT Peacock of Sudbury House, Hammersmith, Eng; superintendent at Kew 1865–71; lectured & wrote articles in garden magazines on succ; spouse Ellen [née Pitt] Croucher (c1804–1877);

species nah:

(Aloe) **croucheri** (Natal, Eastern Cape) (desc & nah by JD Hooker 1869) —> **Gasteria croucheri**.

† **Crundall**, Albert Henry (24 Sep 1889–22 May 1975); British bank official at Barclays Bank in Eng & RSA 1912–44 & amateur botanist; succ collector in RSA w garden of rare succ;

disc species:

(Aloe) **soutpansbergensis** (Limpopo) 1942 (desc by IC Verdoorn 1962),

(Kalanchoe) **crundallii** (Transvaal) (desc & nah by IC Verdoorn 1946),

(Stultitia) **conjuncta** (Limpopo) (desc by BL Sloane & AC White 1938) —> **Orbeanthus conjunctus** by LC Leach 1978.

Cruse, AW;

disc species:

(Monadenium) **discoideum** (Zambia) 1948 (desc by PRO Bally 1959).

Cruz, Carlos;

Book [1985] *Biologia y Aprovechamiento Integral del Henequen y Otros Agaves* Yucatan, Mex; Spanish/Eng; 297p.

†**Cruz**, (Dr med) Martinus de la (fl. 1552); Aztec Indian healer given this Christian name; physician at College of Santa Cruz, Mex;

Book [1552] *Aztec Herbal*; Amer earliest treatise on Mex medicinal plants & native remedies; included first colored illustration of a *Cereus* plant called *teonochtli* meaning "Divine Cactus"; printed in native tongue Nahuatl & translated into Latin by compatriot, Juannes Badianus; herbal found in Vatican Library in 1929 by (Dr) Charles U Clark, a US historian; title also known as *Badianus Manuscript*; (facsimile edition printed in Eng 1940, see EW Emmart).

Cubitt, Gerald; Eng to S Africa; photographer;

Book [2014] *This is Namibia* [w P Joyce]; Eng; 144p w 198 color photos (latest edition); (original in 1999). Baker 1880).

†**Cufodontis**, (Prof) (Dr) Georg [Giorgio] (3 Aug 1896–18 Nov 1974); {Cufod.}; Austrian botanist; prof of botany at Bot Institute, Univ of Vienna, Austria; explored & collected in Costa Rica 1930 & in Ethiopia 1937;

species nah:

(Ceropegia) **cufodontii** (Ethiopia, Uganda, Kenya) (desc & nah by E Chiovenda 1939);

desc species:

(Kalanchoe) **aubrevillei** (Kenya, Tanzania) 1967 (na A Aubreville),

(Kalanchoe) **ballyi** (Kenya) 1967 (na PRO Bally),

(Kalanchoe) **migiurtinorum** (Somalia) 1965,

(Kleinia) **squarrosa** (Ethiopia, Somalia, Tanzania, Kenya, Uganda) 1943 → **Senecio polytomus** ssp

squarrosus by GD Rowley 1990,

(Pseudorhipsalis) **acuminata** (Costa Rica) 1933 (disc by him 1930);

transfer species:

"Donaldsonia stenopetala" (EG Baker 1896) → **Moringa stenopetala** 1957,

"Kalanchoe neumannii" (HGA Engler 1907) → **Kalanchoe petitiana** var **neumannii** 1965;

desc subsp:

(Kalanchoe bentii ssp) **somalica** (Somalia) 1965;

disc forma:

(Monadenium ellenbeckii fa) **caulopodium** (Ethiopia) 1937 (desc by PRO Bally 1959).

Cuggia, Gerard; France;

Book [1986] *Cactus - 1 & 2- (Jardins et Decors)* Copenhagen Denmark; French; 64p & 65p; (editor of).

Cui, Nai Ran (1935–); {N.R.Cui};

desc species:

(Rhodiola) **junggarica** [w CY Yang] (China) 1982 (disc by NR Cui 1973).



†**Cullmann**, (Dr) **Willy** [Willi] (8 Jun 1905–29 Jan 1992); {Cullm.}; Ger notary, cactus collector, cultivator & writer on Cactaceae in Marktheidenfeld, Ger; LLD; founding member of IOS 1950, vp 1967–76 & honorary member 1982; Ger C&SS member;

Book [1963] *Das heyne-Kakteenbuch. 200 Kakteenarten Ausfuhrlich Beschrieben* Munchen, Ger; Ger; 155p, [1963] *Kakteen Unser Hobby* [w H Balzer] Stuttgart, Ger; Ger; 172p w 15 color photos,

[1971] *Das heyne-Kakteenbuch* [w H Balzer] Munchen, Ger; Ger; 156p,

[1972] *Kakteen* Stuttgart, West Ger; Ger; 272p w 46 color photos; (rev 1984 w E Gotz & G Groner 340p w 406 color photos),

[1986] *The Enc of Cacti* [w E Gotz & G Groner] Dorset, Eng; Eng; 340p w 406 color photos; (Eng version of the 1984 'Kakteen' book);

genus nah:

Cullmannia (desc & nah by C Distefano 1956) (syn of *Peniocereus* B&R);

desc species:

(*Cleistocactus*) **vulpis-cauda** [w F Ritter] (Bolivia) 1962 —> **Cleistocactus brookeae** ssp **vulpis-cauda** by R Mottram 2001,

(*Eulychnia*) **ritteri** (Peru) 1958 (disc by F Ritter 1954 & nah) —> **Eulychnia iquiquensis** ssp **ritteri** by DR Hunt 2005.



† **Cumming**, Hugh (14 Feb 1791–10 Aug 1865); {Cumming}; British naturalist & conchologist; to Chile 1819–31; collected in S Amer; interested in shells & orchids; FLS 1832;

species nah:

(*Weingartia*) **neocumingii** (Bolivia) (desc & nah by C Backeberg 1950) —> **Rebutia neocumingii** by DR Hunt 1987.



† **Cunningham**, Allan (13 Jul 1791–27 Jun 1839); (A.Cunn.); British botanist; to Australia 1816; collected for J Banks at Kew in Brazil 1814–16, in Indonesia 1818–19, in New Zealand 1826 & 1838, & in Australia 1817–31, 1836 & 1839;

disc genus:

Schlumbergia (desc by CA Lemaire 1858 & na F Schlumberger);

disc species:

(*Pereskia*) **grandifolia** [w J Bowie] (Brazil) 1816 (desc by AH Haworth 1821),

(*Rhipsalis*) **grandiflora** [w J Bowie] (Brazil) 1816 (desc by AH Haworth 1819),

(*Rhipsalis*) **mesembryanthemoides** [w J Bowie] (Rio de Janeiro) 1816 (desc by AH Haworth 1821),

(*Rhipsalis*) **salicornioides** [w J Bowie] (Brazil) 1816 (desc by AH Haworth 1819) —> **Hatiora**

salicornioides by NL Britton & JN Rose 1915;

desc species:

(*Capparis*) **gibbosa** (nw Australia) 1842 —> **Adansonia gibbosa** by DA Baum 1995.

Curran, Mary Katharine; {Curran}— See Mary Katharine **Brandeggee**.

† **Currie**, ?;

disc species:

(*Rimaria*) **divergens** (Bushmanland) 1936 (desc by HML Bolus 1937) —> **Vanheerdea divergens** by SA Hammer 2013.

† **Curror**, (Dr med) Andrew Beveridge (1811–1845); British physician in Royal Navy 1835; collected in Angola 1839–43;

species nah:

(*Cissus*) **currorii** (Namibia, Angola) (desc & nah by JD Hooker 1849) —> **Cyphostemma currorii** by BM Descoings 1967;

disc species:

(*Scytanthus*) **currori** (Angola, Namibia) 1840 (desc & nah by WJ Hooker 1844) —> **Hoodia currori** by



† **Curtin**, [née Scott Muse] Leonora (2 Oct 1879–6 Jan 1972); US naturalist & ethnobotanist; NY to New Mex 1889; interested in art, archaeology & cultures of Spanish & Native Americans; Lenora Curtin Natural History area in Ortiz Mtns, Sante Fe, New Mex nah; spouse

Thomas Edouard Curtin (19 Mar 1874–30 Oct 1911), lawyer in Santa Fe, New Mex;

Book [1949] *By the Prophet of the Earth* Tucson, Arizona; Eng; 156p; (on Pima Indian native uses of plants in Arizona, including Agave & numerous species of cacti).



† **Curtis**, Wm Hugh (11 Jan 1746–7 Jul 1799); {Curt.}; British apothecary, nurseryman, horticulturist, botanist, entomologist, naturalist & artist; appointed Praefectus Horti of Chelsea Physic Garden 1772–77; founder of bot garden at Higler's Lane, Lower Marsh, Lambeth 1777; owner of nursery at Queen's Elm, Brompton 1789–11 & at Sloane Street, Chelsea 1812–23; founder, editor, & publisher of *The Bot Magazine* 1787~ (changed to *Curtis' Bot Magazine* after his death by J Sims in 1801); over 10,000 color plates (many of succ plants) by 1971 & incorporated in the *Kew* magazine 1984; FLS 1788; editors of *Curtis' Bot Magazine* were:

	<u>Vols</u>	<u>Plates</u>
1787–1800 Wm Curtis	1–13	468
1801–1826 John Sims	14–53	2,235
1827–1864 WJ Hooker	54–90	2,720
w Samuel Curtis (1827–1844)		
1865–1904 JD Hooker	91–130	2,505
(assisted by WB Hemsley)		
WT Thisleton-Dyer	131–132	119
David Prain	133–146	76
1921 John Ramsbottom	147	59
1922–1933 Otto Stapf	148–156	402
11934–1940 AW Hill	157–163	307
1941–1947 AD Cotton	164	43
1948–1962 WB Turrill	165–173	395
1963–70 George Taylor	174–178	197
1971–83 David R Hunt	179–;	
2003~ Martyn Rix	?	

some bot artists for the magazines were:

1. James Sowerby (1757–1822), Eng, 70 plates 1787–1790,
2. Sydenham Teast Edwards (1768–1819) Wales, 1700 watercolor plates 1787–1815,
3. Walter Hood Fitch (1817–1892), Scotland, over 2,700 plates 1834–1877,
4. Harriet Ann [née Hooker] Thiselton-Dyer (1854-1945), Eng, 90 plates 1878-1906,
5. Matilda Smith (1854–1926), Eng, 2300+ plates 1878-1923,
6. Lilian Snelling (1879–1972), Eng, 830 plates 1921–1948;

desc species:

(Pelargonium) **echinatum** (Northern Cape) 1795,
(Pelargonium) **reniforme** (Eastern Cape) 1800.

† **Cussack**, (Mr) ? (fl. 1895); collected in Australia;

species nah:

(Trianthema) **cussackiana** (Australia) (desc & nah by FJH von Mueller 1895).

† **Cusson**, (Prof) (Dr med) Pierre [Peter] (1727–1783); {Cusson}; French physician, botanist & mathematician; prof of botany at Univ of Montpellier, France; specialized in genus Umbelliferae; genus nah:

Cussonia (tropical & s Africa, Mada, Comoro Islands) (desc & nah by CP Thunberg 1780).



† **Cutak**, Ladislaus [Lad] Theophine (27 May 1908–18 Jan 1973); {Cutak}; US horticulturist & artist at Missouri Bot Garden, St Louis, Missouri 1927~; founded Henry Shaw Cactus Soc, July 1942 & pres 1943; lectured & wrote articles for Missouri Bot Bulletins, CSSA Journals & Gardeners Chronicle of Amer 1927~; wrote popular *Spine Chats* series in CSSA Journal 1942~; explored & collected in sw US, Mex, Central Amer & S Amer; CSSA Fellow award 1941; pres of St. Louis Horticultural Soc 1944; IOS member 1955; on BoD of The Bromeliad Soc 1963; spouse Lydia C [née Sedlak] Cutak (–2005);

Book 1935] *Culture of Succ in the Midwest* St Louis, Missouri; Eng; 13p,
[1938] *Guide to the Succ Plant Collection of the Missouri Bot Garden* St Louis; Eng; 13p,
[1939] *Desert Trails & Jungle Paths in Old Mex* St Louis; Eng; 8p,
[1942] *Succ* St Louis; Eng; 32p; (Missouri Bot Garden pamphlet),
[1943] *The Life-Saving Barrel Cactus, Myth or Fact*; Eng; 6p,
[1944] *Insects that Attack C&S*; Eng; 15p,
[1945] *The Night Blooming Cereus & Its Allies* Pasadena, Calif; Eng; 16p,
[1950] *Growing & Enjoying Succ* Pasadena; Eng; 23p,
[1956] *Cactus Guide* Princeton, New Jersey; Eng; 144p,
[1959] *Cactus Personified (Laughs w Facts)* Terre Haute, Indiana; Eng; 114p,
[1966] *All About Sansevierias* St Louis; Eng; 13p;

desc species:

(Agave) **nizandensis** (Oaxaca) 1951 (disc by him 1947),
(Coryphantha) **ramillosa** (Texas, Coahuila, Chihuahua) 1942 (disc by AR Davis 1936),
(Mamm) **theresae** (Durango) 1967 (disc by JA & T Bock 1966 & na Theresa Bock),
(Peniocereus) **fosterianus** (Chiapaa, Oaxaca, Guerrero) 1946 (disc by MB Foster 1935 & nah),
(Peniocereus) **macdougallii** (Oaxaca) 1947 (disc by TB MacDougall 1940 & nah);

transfer species:

“Cereus maculatus” (W Weingart 1933) —> **Peniocereus maculatus** 1951.

Cutler, AB;

Book [1947] *C&S—Indoor & Outdoor Cultivation* [w EO Peterson] Wellington, New Zealand; Eng; 31p.

Cutler, David C; British; participated in expedition to Argentina 1978 w other Kew members;

disc species:

(Gymnocalycium) **mesopotamicum** [w J Lonsdale] (Argentina) 1978 (desc by R Kiesling 1980).

Cutler, (Dr) David Frederick (1939–); {D.F.Cutler}; British botanist; PhD at London Univ 1965; botanist at Jodrell Laboratory, Kew 1962–99; specialized in plant anatomy; pres of Linnean Soc of London 2006–09 & awarded Linnean Gold Medal 1999;

Book [1979] *Scanning Electron Microscope Studies of the Leaf Epidermis in Some Succ* [w HEK Hartmann] Mainz, West Ger; Eng; 55p,

[1987] *The Euphorbiales (Chemistry, Taxonomy & Economic Botany)* [w T Reynolds, SL Jury & FJ Evans] London, Eng; Eng; 326p.



Cuzin, (Dr) Fabrice; {Cuzin}; Moroccan biologist & conservation specialist; to Morocco 1982;
PhD on large mammals of southernmost Morocco 2003;
desc subsp:
(*Dracaena draco* ssp) **ajgal** [w A Benabid] (Morocco) 1997 (disc by F Cuzin).

Czaja, Alphons Theodor von;

Book [1943] *Neuere Erfahrungen über den Anbau der Yucca* Essen, Ger; 52p.

† **Czerepanov**, Sergei Kirillovich (1921–1995); {Czerep.}; Russian botanist;

transfer species:

“*Sedum paradoxum*” (AP Khokhrjakov & VN Voroschilov 1970) —> **Orostachys paradoxa** 1995.

D

Da Torre, AR — See **Torre**, AR da.

Daamen, Han (1960–); Dutch amateur c&s grower & philatelist; interested in c&s postage stamps;

Book [1990] *Thematische Catalogus Succulenten (Cactussen & Vetplanten) op Postzegels* Den Haag, Netherlands; 160p,

[1994] *Thematic Catalogue of C&OS on Stamps, Cancellations & Postal Stationeries* Roosendaal; Eng/Dutch; 400p.

† **Daenzer**, FG;

Book [1834] *Des Euphorbiacées: et en Particulier Celles Utilisées en Médecine dans l'Économie Domestique et Dans les Arts* Strasbourg, France; French; 82p.

Dahir, Abdi M;

disc species:

(*Caralluma*) **lamellosa** [w MI Thulin, A Khalid & A Osman] (Somalia) 2001 (desc by MG Gilbert & MI Thulin 2005) —> **Pleuralluma lamellosa** by DCH Plowes 2008.

† **Dahlstedt**, (Dr hc) Gustav Adolf Hugo (8 Feb 1856–2 Oct 1934); {Dahlst.}; Swedish botanist; honorary doctorate from Uppsala Univ 1907; worked w Stockholm Riksmuseum bot collection 1890~; specialist in taxonomy of Compositae;

transfer species:

“*Tildenia peruviana*” (FAW Miquel 1843) —> **Peperomia peruviana** 1900.

† **Daigremont**, Georges Louis (3 Jul 1844–?1914-1918?) &

† **Daigremont** [née Vaucher] Jeane (4 Jun 1856–1941) spouse; French collectors of Crassulaceae;
species na them:

(*Sedum*) **daigremontianum** (China) (desc & na them by Raymond-Hamet 1909).

† **Dalla Torre**, [Dalla Torre von Thurnberg-Sternhoff,] (Prof) (Dr) Karl [Carl] Wilhelm

(14 Jul 1850–6 Apr 1928); {Dalla Torre}; Austrian botanist, zoologist & entomologist; prof of botany 1893 & of zoology 1895–21 at Univ of Innsbruck;

desc species:

(Sedum) **donatianum** [w L von Sarntheim] 1909.

† **Dalzell, Nicol** [Nicolas, Nicholas] Alexander; (21 Apr 1817–Jan 1878); {Dalzell}; Scottish botanist & forester; MA at Univ of Edinburgh 1837; conservator of forests in Bombay, India 1841–1870; superintendent of botanical gardens in Bombay 1864; collected in India; Royal Soc of Edinburgh Fellow 1862;

desc species:

(Jatropha) **nana** [w GS Gibson] (India) 1861,

(Hoya) **retusa** (India, Indonesia) 1852,

(Kalanchoe) **olivacea** (India) 1861.

† **Dalziel**, (Dr med) John McEwan (16 May 1872–21 Feb 1948); {Dalz.}; British colonial public health officer & physician; specialized in tropical botany; MD at Edinburgh 1903; traveled as missionary & explored in China 1895–1902, Nigeria 1905–1918, Gold Coast 1919–22 & French Guinea 1925; assistant for western Africa at Kew 1926~; FLS 1917; worked w J Hutchinson;

Book [1937] *The Useful Plants of West Tropical Africa* London, Eng; Eng; 612p,

[1954–72] (second edition) *Flora of West Tropical Africa* [w J Hutchinson] Kew, Eng; Eng; (in 3 Vols + supplement on ferns & fern allies in 1959 w 89p);

[1954] Vol 1, Part 1; 295p;

[1958] Vol 1, Part 2; 533p;

[1963] Vol 2; 544p;

[1968] Vol 3, Part 1; 276p;

[1972] Vol 3, Part 2; 298p;

(first edition [1927–36] in 2 Vols;

[1927] Vol 1, Part 1; 246p;

[1928] Vol 1, Part 2; 277p;

[1931] Vol 2, Part 1; 292p;

[1936] Vol 2, Part 2; 359p),

desc genus:

Frerea (India) 1865 (na HBE Frere) (syn of Caralluma);

desc species:

(Ceropegia) **deightonii** [w J Hutchinson] (Equatorial Guinea, Ivory Coast, Liberia, Nigeria, Sierra Leone, Central African Rep, Ghana) 1931 (na FC Deighton).

Damann, Pater; missionary in Angola;

species nah:

(Ceropegia) **damannii** (Angola) (desc & nah by KD Stopp 1964).

† **Damerius**, Willi;

Book [1933] *Kakteen im Zimmer (Erfahrungen und Empfehlungen)* Berlin, Ger; 29p.

† **Dameron**, WH;

Book [1939] *Prickly Pear Eradication and Control* [w HP Smith] Texas; Eng; 55p.

Damme, (Prof) (Dr) Patrick L van (1956–); Belgium tropical agronomist; PhD on physiology of *Euphorbia tirucalli* at Univ of Ghent, Belgium 1989 & prof of subtropical agriculture & ethnobotany 1991~; wrote numerous articles on *Euphorbia tirucalli*; researcher in Namibia, Senegal, Togo, Kenya, Sri Lanka & Ecuador;

Book [1989] *Study of Euphorbia tirucalli L. (Morphology, physiology, growth conditions)*; 375p; (PhD thesis).

† **Dams**, Erich (fl. 1905); {Dams}; Ger botanist; secretary of DKG c1903

species nah:

(Echinocactus) **damsii** (Paraguay) (desc by KM Schumann 1903 & disc by JD Anisits)

—> **Gymnocalycium anisitsii ssp damsii** by GJ Charles 2005;

desc species:

(Echinocactus) **cataphractus** (Santa Cruz B, Mato Grosso do Sul) 1904 —> **Frailea cataphracta** by NL Britton & JN Rose 1922,

(Mamm) **camptotricha** (Queretaro) 1906 (disc by JN Rose & JH Painter 1905) —> **Mamm decipiens ssp camptotricha** by DR Hunt 1997;

transfer species:

“Cereus sciurus” (MK Brandegee 1904) —> **Echinocereus sciurus** 1904.

† **Dandy**, James Edgar (24 Sep 1903–10 Nov 1976); {Dandy}; British botanist; BA at Cambridge Univ 1925;

species nah:

(Sedum obtusipetalum ssp) **dandyanum** (Nepal) (desc & nah by H Ohba 1986);

transfer species:

“Cotyledon rupestris” (RA Salisbury 1796) —> **Umbilicus rupestris** 1948.



† **Dangeard**, (Dr) Pierre [Paul] Clément Augustin; (23 Nov 1862–10 Nov 1947); {P.A.Dang.}; French biologist; PhD in biology, France 1923; worked on algae & marine fungi; member of Academy of Sciences 1917 & pres 1935;

species nah:

(Kalanchoe) **dangeardii** (Angola) (desc & nah by Raymond-Hamet 1916) —> **Kalanchoe velutina ssp dangeardii** by RMS Fernandes 1980.

† **Danguy**, Paul Auguste (7 Aug 1862–5 Feb 1942); {Danguy}; French botanist; boursier, préparateur & dir at Muséum d'Histoire Naturelle, Paris, France 1885~;

species nah:

(Xerosicyos) **danguyi** (Mada) (desc & nah by J-H Humbert 1939);

desc species:

(Aloe) **helenae** (Mada) 1929 (disc by R Decary 1924 & na Helena Decary),

(Talinella) **grevei** (Mada) 1915 (na ? Greve).

† **Danielli**, [Daniele,] (Dr) Jacopo (11 Nov 1857–19 Apr 1901); Italian anthropologist; docent in anthropology at Istituto de Studi Superiori, Florence;

Book [1885] *Studi Sull'Agave Americana L.* Firenze, Italy; Italian; 92.

Daniels, (Dr) Gilbert S; US; dir of Hunt Institute for Bot Documentation, Carnegie-Mellon Univ; treasurer of Amer Horticultural Soc 1972;

Book [1982] *C&S – the Amer Horticultural Soc Illustrated Enc of Gardening* Mount Vernon; 143p.

† **Dannemann**, (Prof) (Dr) Johann **Friedrich** (1859–1936); Ger botanist; PhD at Halle-Wittenberg Univ, Ger 1883; prof at Heidelberg Univ & Berlin Univ;

Book [1883] *Beiträge zur Kenntniss der Anatomie und Entwicklung der Mesemb Halle, Ger; Ger;*

35p; (PhD thesis).

Dannenbaum, Christine;

Book [1984] *Bau und Entwicklung der Pollinien von Hoya carnosa (L.) Br. (Asclepiadaceae)* [w R Schill]; Ger; 54p.



D'Antonio, (Prof) (Dr) Carla M; US ecologist, evolutionist & marine biologist;

PhD in biological sciences at Univ of Calif, Santa Barbara 1990; prof of biology at Univ of Calif,

Berkeley 1991–2003; prof of environmental studies in dept of ecology, evolution & marine biology at Univ of Calif, Santa Barbara 2003~; specializes in how individual species affects ecosystem structure &

functioning in the process that controls invasions by non-indigenous species into ecological communities;

Book [1990] *Invasion of Coastal Communities by the Introduced Succ, *Carpobrotus edulis* (Aizoaceae)*

Santa Barbara, Calif; 222p; (PhD thesis).



†**Dapper**, (Dr med) Olfert (Oliver, Olivier) (Jan 1636–29 Dec 1689); Dutch physician,

geographer & scholar; made a number of geographical studies of countries in remotest parts of Asia & Africa while living in Amsterdam, Netherlands;

Book [1668] *Dapper's Description of Africa* Amsterdam, Netherlands (includes J Heurnius' drawing of a *Stapelia* referred to as *Fritillaria crassa*).

†**d'Arrabida**, Freire Antônio; Brazil; dir of Library of Rio de Janeiro c1862; editor of *Florae Fluminensis*;

species nah:

(*Pilocereus*) **arrabidae** (Rio de Janeiro, Espirito Santo, Bahia) (desc & nah by AC Lemaire 1862)

—> **Pilosocereus arrabidae** by RS Byles &

GD Rowley 1957.

†**Darrah**, Charles (1844–24 Apr 1903); British businessman & horticulturist at Heaton Mersey near Manchester, Eng; had large, valuable collection of c&s at his nursery *Holly Point* in Heaton Mersey near

Manchester that was donated to the City of Manchester Parks & Cemeteries, Eng 1906–80 & H Hall was

curator of succ collection 1933–47; friend of KM Schumann; spouse Eleanor [née Chamberlain] Darrah;

Book [1908] *Collection of Cacti at Alexandra Park & Cemeteries* Manchester, Eng; Eng; 129p + several plates;

(catalogue pub of Darrah collection of succ plants by unknown author).

†**Darrow**, Robert Arthur (15 Dec 1911–8 Mar 2003); {Darrow}; US plant ecologist, botanist & photographer;

Book [1944] *A Manual of SW Desert Trees & Shrubs* [w LD Benson] Tucson; Eng; 411p; w Agave 36p, Cactaceae 1p & Fouquieriaceae 4p,

1954] *The Trees & Shrubs of the SW Deserts* [w LD Benson] Tucson; Eng; 416p; (second edition of 1944 Manual); w Agave 31p, Cactaceae 1p & Fouquieriaceae 2p,

[1956] *Response of Pricklypear to Grazing & Control Measures* [w GW Thomas]; Eng; 14p.



†**Darwin**, Charles Robert (12 Feb 1809–19 Apr 1882); {Darwin}; British evolutionary

biologist, natural historian, zoologist, botanist & geologist; MA at Cambridge Univ, Eng c1835;

naturalist & geologist on HMS Beagle expedition to survey coast of S Amer 1831–36; explored &

collected in Patagonia 1833, Maldives Islands, Falkland Islands, Fernando de Noronha,

Cocos Keeling Islands, Galapagos Islands 1835 & Australia; introduced the theory of natural selection as the mechanism of evolution; his grandfather, Erasmus Darwin (1731–1802) was a physician & naturalist, was a supporter of the binomial system of C Linnaeus; corresponded w A Gray & JD Hooker; FRS 1839; FLS 1854; spouse Emma [née Wedgewood] Darwin;

Book [1859] *The Origin of Species* London, Eng; Eng; c502; (took 22 years of scientific study to write a book that changed the basic attitude of life as was then known),

[1877] *The Different Forms of Flowers on Plants of the same Species* NYC; Eng; 352p,

[1880] *The Power of Movements in Plants*; London; Eng; 592p;

disc species:

(Opuntia) **darwinii** (Santa Cruz A) 1834 (desc & nah by JS Henslow 1837) —> **Maihueniopsis darwinii** by F Ritter 1980,

(Opuntia) **galapageia** (Galapagos Islands) 1835 (desc by JS Henslow 1837).

Das, P & AB; India;

Book [1999] *New Cactus Cultivars* [w PC Panda] Orissa, India; Indian; 28p.

Dassanayake, Meliyasena Dhammadasa (1921–); {Dassan.}; Sri Lankan botanist; prof of botany at Univ of Peradeniya, Sri Lanka;

desc species:

(Brachystelma) **lankanum** [w AHM Jayasuriva] (Sri Lanka) 1974.

† **Daston**, Joshua S (c1894–19 Apr 1960); {Daston}; US botanist at Chicago Natural History Museum 1934~;

desc genus:

Micropuntia (Utah, Nevada, Calif, Arizona) 1946 (syn of *Corynopuntia* KNUTH).

† **Daul**, Anton (1821–); Ger botanist; interested in c&s; worked in Stuttgart, Ger;

Book [1890] *Illustriertes Handbuch der Kakteenkunde* Stuttgart, Ger; Ger; 150p.

Daveke, P;

Book [1960] *Bloeiende succulenten in huis* [w MB Selhorst] Zutphen; 41p + 12 color plates.

Davidov, PT;

Book [1997] *Kaktusy* [w SV Ivanov] Moscow, Russia; Russian; 192p w 220 color photos.

† **Davids**, Arlette; French artist & illustrator;

Book [1939] *Fowers—Rock Plants* London, Eng; Eng (translated from French by SP Skipwith); 40p watercolor plates (many of succ) + 2p text by Henry de Montherlant.

† **Davidson**, (Prof) (Dr med) Anstruther (19 Feb 1860–3 Apr 1932); {Davidson}; Scottish physician, botanist & entomologist; MD at Univ of Glasgow, Scotland 1887; to Calif 1889; prof at Univ of S Calif 1889~; collected in s Calif; pres of Southern Calif Academy of Sciences 1892–94;

desc species:

(Dudleya) **parva** [w JN Rose] (Calif) 1923 —> **Dudleya abramsii** ssp **parva** by JA Bartel 1991,

(Sedum) **niveum** (Calif, Baja Calif) 1921,

(Stylophyllum) **anomalum** (Baja Calif islands Coronados & Todos Santos) 1928 —> **Dudleya anomala** by RV Moran 1943.

Davidson, B LeRoy;

Book [2000] *Lewisia* Portland, Oregon; Eng; 236p w illustrations by Michael Moshier.

†**Davidson**, (Miss) Carol (fl. 1940); {C.Davidson}; Canadian who spent most of her life in Colorado Springs, Colorado collecting & photographing plants 1930~; explored in s Utah w EU Clover 1938;

Book [1940] *Colorado Cacti, an Illustrated Guide describing all of the Native Colorado Cacti* [w CH Boissevain] Pasadena, Calif; Eng; 73p; (photographer);

desc genus:

Coloradoa [w CH Boissevain] (Colorado into New Mex) 1940 (syn of *Sclerocactus* B&R);

desc species:

(Coloradoa) **mesae-verdae** [w CH Boissevain] (Colorado, New Mex) 1940 (disc by CH Boissevain & C Davidson) —> **Sclerocactus mesae-verdae** by LD Benson 1966.

†**Davidson**, JH & J;

disc species:

(*Brachystelma*) **bruceae** (Limpopo, Mpumalanga) 1923 (desc by RA Dyer 1977 & na EH Bruce).

Davidson, Wm; Scottish horticulturist; dir & show manager of nursery '*Thomas Rochford & Sons Ltd.*';

Book [1976] *The Collingridge All-Colour Guide to House Plants C&S* [w TC Rochford] London, Eng; 192p,

[1984] *Exotic Indoor Plants* [w CF Innes & R Bilton] London; Eng; 159p w 329 color photos; (30p by CF Innes on succ).

Davies, Frances G (1944–); {F.G.Davies};

transfer species:

"*Senecio drymophilus*" (FJH von Mueller 1857) —> **Gynura drymophila** 1981.

Davila, [Dávila,] Patricia;

Book [2003] *Catalogo de Cactaceas Mexicanas* [w AS Arias Montes & UL Guzman Cruz] UNAM, Mexico; Spanish; 315p.



†**Davis**, Alwin [**Allie**] Ronane (13 Aug 1884–17 Jun 1953); US nurseryman; owner of *Davis Cactus Company*, Marathon, Texas; spouse Nellie R [née Kimball] Davis (4 Feb 1889–20 Jun 1974);

disc species:

(*Coryphantha*) **minima** (Texas) 1931 (desc by RO Baird 1931),
(*Coryphantha*) **ramillosa** (Texas, Coahuila, Chihuahua) 1936 (desc by LT Cutak 1942),
(*Echinocereus*) **davisii** (Texas) (desc & nah by A Houghton 1931).

†**Davis**, Helen Burns;

Book [1936] *Life & Work of Cyrus Guernsey Pringle (Botanist)* Burlington, Vermont; Eng; 756p.



†**Davis**, Jefferson [Finis] (3 Jun 1808–6 Dec 1889); US military & congressman; US West Point military academy graduate 1828; Secretary of War w Pres Franklin Pierce 1853–57 ; Pres of Confederate States of Amer 1861–65; first spouse Sallie [née Knox Taylor] Davis (–1835), second spouse Varina [née Howell] Davis (1826–1906);

species nah:

(Opuntia) **davisii** (Texas, New Mex, Oklahoma) (desc & nah by GT Engelmann & JM Bigelow 1856)
—> **Cylindropuntia davisii** by FM Knuth 1936.

†**Davis**, Miriam; Australia;

species nah:

(Crassula) **miriamiae** (western Australia) (desc & nah by CEH Ostenfeld 1918) —> **Crassula colorata** var **miriamiae** by HR Tolken 1981.



†**Davis**, (Prof) (Dr) **Peter** Hadland (18 Jun 1918–5 Mar 1992); {P.H.Davis}; British botanist; PhD at Univ of Edinburgh 1952 & prof of botany 1945~; editor of 9-volume 'Flora of Turkey'; collected in Middle East, Russia & Kurdistan;

species nah:

(Rosularia) **davisii** (Turkey) (desc & nah by CW Muirhead 1972),

(Sempervivum) **davisii** (Turkey, Iran) (desc & nah by CW Muirhead 1969).

†**Davis**, RA;

disc species:

(Aloe) **suprafoliata** (Swaziland, Natal, Mpumalanga) 1914 (desc by IB Pole-Evans 1916).

Davis, (Dr) Robert H; US; PhD at Rutgers Univ, New Jersey; worked w Aloe vera 1970s~;

Book [1997] *Aloe Vera (A Scientific Approach)* NYC; Eng; 321p.

Davis, Wm Harper; US; proprietor of *Davis Cactus Gardens*, Kerrville, Texas;

Book [1959] *The Opuntias of Texas Delta*, Alabama; Eng; 11p.

Davy, JB — See **Burt Davy**, J.

Davydova, Raisa Aleksandrovna; Turkmenistan horticulturist;

Book [1977] *Dekorativnye Sukkulentnye Rasteni 'I' a. AN Turkmenskoi SSR, 'T' Sentr. Botan. Sad. Pod. Nauchnoi redak 't' siei S.N. Abramovoi* Ashgabad, Turkmenistan; 64p.



†**Dawe**, Morley Thomas (9 Sep 1880–14 Jul 1943); {Dawe}; British gardener & agriculturist to Uganda 1902; dir of agriculture at Forestry & Scientific Dept in Uganda & at bot garden at Entebbe, Uganda 1902–10; dir of agriculture in Mozambique 1910–14, in Gambia 1914–20, in Angola 1920–22, in Sierre Leone 1922–28 & in Cyprus 1928; FLS; spouse Mary Dawe;

species nah:

(Euphorbia) **dawei** (Zaire, Uganda, Tanzania, Burundi, Rwanda) (desc & nah by NE Brown 1912),

(Sansevieria) **dawei** (Uganda) (desc & nah by O Stapf 1906);

disc species:

(Aloe) **dawei** (Uganda, Kenya, Rwanda, Zaire) 1905 (desc & nah by A Berger 1906),

(Euphorbia) **stapfii** (Uganda) (desc by A Berger 1907 & na O Stapf),

(Sansevieria) **subtilis** (Uganda) (desc by NE Brown 1915);

disc variety:

(Sansevieria nilotica var) **obscura** (Uganda) c1913 (desc by NE Brown 1915).



† **Dawkins**, Henry Colyear (1921–4 May 1992); British botanist, forester & ecologist; graduate in botany & forestry at Oxford Univ; to Uganda 1942; forest ecologist at Kampala, Uganda 1942–62; research officer at Oxford Forestry Institute of Oxford Univ 1962~ & became a Fellow of St. John's College at Oxford Univ; collected in Uganda & Kenya 1949–50;

disc species:

(Aloe) **tororoana** (Uganda) 1946 (desc by GW Reynolds 1953).



† **Dawson**, (Prof) (Dr) Elmer **Yale** (31 Mar 1918–22 Jun 1966); {E.Y.Dawson,}; US phycologist, marine botanist & horticulturist; PhD at Univ of Calif, Berkeley w thesis on marine algae 1942; prof at universities in Hawaii and s Calif; research botanist in Calif at Allan Hancock Foundation 1945–55, Los Angeles County Museum 1956–61, at Beaudette Foundation for Biological Research near Santa Barbara 1958–62 & San Diego Museum of Natural History 1962–64; curator of cryptogams at Smithsonian Institute 1965~; specialist in marine algae & Cactaceae; prolific writer; explored in Baja Calif, mainland Mex, Brazil, Ecuador, Galapagos Islands & Peru 1933~; IOS member 1963; CSSA Fellow award 1965; spouse Maxine Dawson;

Book [1948] *New Cacti of Southern Mex* Los Angeles, Calif; Eng; 53p,

[1950–52] *Some Results of Twenty Years of Cactus Research by Curt Backeberg* Pasadena, Calif; Eng; 67p; (arranged, edited & indexed by EY Dawson),

[1957] *A new columnar Cereus from Goias* Los Angeles, Calif,

[1963] *How to Know the Cacti* Dubuque, Iowa; Eng; 158p,

[1966] *The Cacti of Calif* Berkley, Calif; Eng; 64p + 8 color plates;

genus nah:

Neodawsonia (Oaxaca) (desc & nah by C Backeberg 1941) (syn of Cephalocereus);

species nah:

(Melocactus) **dawsonii** (Jalisco, Michoacán) (described & nah by H Bravo-Hollis 1965 & disc by H Bravo-Hollis 1958) —> **Melocactus curvispinus** ssp **dawsonii** by NP Taylor 1991;

disc species:

(Mamm) **nejapensis** (Oaxaca) 1947 (desc by RT Craig & EY Dawson 1948) —> **Mamm karwinskiana** ssp **nejapensis** by DR Hunt 1997;

desc species:

(Cephalocereus) **apicicephalum** (Chiapas, Oaxaca) 1948 (disc by him 1947),

(Cephalocereus) **machrisii** (Brazil) 1957 (disc by him 1956 & na Mr&Mrs MA Machris) —> **Pilosocereus machrisii** by C Backeberg 1960,

(Cephalocereus) **quadricentralis** (Oaxaca) 1948 (disc by him 1947) —> **Pilosocereus quadricentralis** by C Backeberg 1960,

(Mamm) **duoformis** [w RT Craig] (Puebla, Oaxaca) 1948 (disc by EY Dawson 1947);

transfer species:

"Pilocereus macrocephalus" (FAC Weber 1898) —> **Neobuxbaumia macrocephala** 1952.

Dawson, RAJ;

Book [1966] *Optimum Cultural Methods for Epiphyllum & Allied Genera* Houston, Texas; Eng; 39p.

Dawson, TH;

Boo [1961] *Haworthia & Astroloba Check List* Victoria (?British Columbia?); Eng; 15p.

† **Day**, Harry A; British horticultural journal;

Boo [1938] *Flowers of the Desert* (How to grow c&os plants) London, Eng; Eng; 168p.

DC, — See **Candolle**, AP de.

de Barrios, — See **Barrios**, VB de.

de Boer, HW — See **Boer**, HW de.

de Candolle, — See **Candolle**.

de Graaf, A — See **Graaf**, A de.

de Haas, Th. — See **Haas**, Th. de.

De Herdt, Cyrille — See **Herdt**, Cyrille de.

{De Laet}, —See **Laet**, Frantz de.

de Ringh, C — See **Ringh**, C de.

De Smet, Louis — See **Smet**, Louis de.

de Vos, MP — see **Vos**, Miriam Phoebe de.

de Vriese, Willem H — see **Vriese**, Willem H de.

de Wet, JF — see **Wet**, JF de.

{DeWild.}, or **De Wildeman**, — See **Wildeman**, EAJ de.

de Wilde, SJO — See **Wilde**, SJO de.

de Winter, B — See **Winter**, B de.



†**Deam**, Charles Clemon (30 Aug 1865–29 May 1953); {Deam}; US drugstore owner, forester & amateur botanist in Indiana; wrote a flora of Indiana in 1940; collected plants in Guatemala; spouse Stella [née Mullins] Deam (–1953);

genus nah:

Deamia (desc & nah by NL Britton & JN Rose 1920);

disc variety:

(*Cereus trigonus* var) **guatemalensis** (Guatemala) 1909 (desc by F Eichlam 1911) —> **Hylocereus guatemalensis** by NL Britton & JN Rose 1920.

Debay, (Dr) A;

Book [1950] *Etude du Gelsemium Sempervirens*; French; (PhD thesis).

Debreczy, Zsolt [Zolt] (1941–); {Debreczy}; Hungarian; specialized in cacti; IOS member 1980;

Book [1976] *Telallo Kaktuszok, Agavek esPalmaliliomok* Budapest, Hungary; Hungarian; 279p + 4 color plates.



† **Decaisne**, (Dr) Joseph (7 Mar 1807–8 Feb 1882); {Decne.}; Belgian botanist & horticulturist; worked at Paris Muséum Natl d'Histoire Naturelle garden from 1825 & dir 1882~; DSc 1837; editor of *Annales des Sciences Naturelles (Botanique)* 1842–81; edited the Asclepiadaceae part in 8th Vol of AP de Candolle's *Prodromus* 1844 book; interested in Asclepiadaceae family;

desc genera:

Decabelone 1871 (syn of Tavaresia WELWITSCH),

Decanema (Mada) 1838;

Hoodia (Angola, Namibia, RSA, Botswana, Zimbabwe) 1844 (na van Hood);

species nah:

(Boucerosia) **decaisneana** (Senegal, Sudan, Mauretania, Algeria, Morocco) (desc & nah by AC Lemaire 1844 & disc by GS Perrottet c1825)

—> **Orbea decaisneana** by PV Bruyns 2001,

(Ceropegia) **decaisneana** (India) (desc & nah by R Wight 1848);

desc species:

(Asclepias) **subulata** (Nevada, Arizona, Calif, Baja Calif) 1844,

(Boucerosia) **munbyana** (Spain, Algeria) 1847 (disc by G Munby c1845) —> **Caralluma munbyana** by NE Brown 1892,

(Boucerosia) **sinaica** (Saudi Arabia, Israel, Egypt, Sudan) 1844 (disc by PMR Aucher-Eloy c1835)

—> **Caralluma sinaica** by G Benthams & JD Hooker 1876,

(Caralluma) **subulata** (Saudi Arabia, Yemen, n Africa) 1838,

(Ceropegia) **abyssinica** (Central African Rep, Angola, Zaire, Ethiopia, Eritrea, Kenya, Tanzania, Zambia, Zimbabwe) 1844,

(Ceropegia) **aristolochioides** (Tropical Africa) 1838 (disc by ? Heudelot),

(Ceropegia) **madagascariensis** (Mada) 1844,

(Ceropegia) **meyeri** (Zambia, Zimbabwe, Mozambique, Malawi, RSA, Namibia) 1844 (disc by JF Drege & na EHF Meyer),

(Ceropegia) **squamulata** (Yemen) 1838 —> **Echidnopsis squamulata** by PRO Bally 1963,

(Ceropegia) **variegata** (Saudi Arabia, Yemen, Ethiopia, Somalia, Kenya, Tanzania) 1838,

(Columnea) **erythrophaea** (Chiapas) 1860,

(Crassula) **indica** (India, Pakistan, Nepal, Sikkim, Tibet, Bhutan, China) 1858 —> **Sinocrassula indica** by A Berger 1930,

(Decanema) **bojerianum** (Mada) 1838,

(Desmidorchis) **acutangula** (eastern Africa, Saudi Arabia, Yemen) 1838 (disc by GS Perrottet c1825)

—> **Caralluma acutangula** by NE Brown 1892,

(Dictyanthus) **pavonii** (Sinaloa to Oaxaca) 1844 (na JA Pavon y Jimenez) —> **Matelea pavonii** by

RE Woodson 1941,

(Gomphocarpus) **lisianthoides** (Gabon, Angola, Zambia, Zaire, Malawi) 1838 —> **Glossostelma**

lisianthoides by AA Bullock 1952,

(Gomphocarpus) **pedunculatus** (Zaire, Ethiopia, Kenya, Uganda, Rwanda Mozambique, Tanzania) 1844

—> **Stathmostelma pedunculatum** by KM Schumann 1893,

(Harpagophytum) **leptocarpa** (Mada) 1865 —> **Uncarina leptocarpa** by H-D Ihlenfeldt & H Straka 1962,

(Hoya) **imbricata** (Indonesia, Philippines) 1844,

(Hoya) **obovata** (India, Indonesia, Thailand, Fiji) 1844,

(Macropetalum) **burchellii** (Free State, Mpumalanga, Natal) 1844 (na WJ Burchell) —> **Brachystelma burchellii** by R Peckover 1996,

(Pycnoneurum) **junciforme** (Mada) 1838 —> **Cynanchum junciforme** by SL Liede 1993,
 (Pycnoneurum) **sessiliflorum** (Mada) 1838 —> **Cynanchum sessiliflorum** by SL Liede 1993,
 (Sempervivum) **sedoides** (India) 1844 —> **Sedum sedoides** by C Pau y Espanol 1921,
 (Sicyos) **hederifolia** (Lesser Sunda Islands of Indonesia) 1834 —> **Gynostemma hederifolium** by
 CA Cogniaux 1881,
 (Umbilicus) **oreades** (Pakistan, India, Bhutan, Tibet, Myanmar, Yunnan) 1844 —> **Sedum oreades** by
 Raymond-Hamet 1909;

transfer species:

“Leptostemma hirsutum” (CL von Blume 1826) —> **Dischidia hirsuta** 1844,
 “Leptostemma lanceolatum” (CL von Blume 1826) —> **Dischidia lanceolata** 1844,
 “Leptostemma latifolium” (CL von Blume 1826) —> **Dischidia latifolia** 1844,
 “Leptostemma punctatum” (CL von Blume 1826) —> **Dischidia punctata** 1844,
 “Leptostemma sagittatum” (CL von Blume 1826) —> **Dischidia sagittata** 1844,
 “Leptostemma truncatum” (CL von Blume 1826) —> **Dischidia truncata** 1844,
 “Scytanthus currori” (WJ Hooker 1844) —> **Hoodia currori** 1844,
 “Stapelia gordonii” (SF Masson 1797) —> **Hoodia gordonii** 1844,
 “Stapelia subulata” (P Forskal 1775) —> **Caralluma subulata** 1838.

† **Decary**, Hélèn; spouse R Decary;

species nah:

(Aloe) **helenae** (Mada) (desc & nah by PA Danguy 1929 & disc by R Decary 1924).



† **Decary**, Raymond (22 Nov 1891–14 Dec 1973); {Decary}; French financial administrator,
 naturalist, ethnographer, botanist & photographer; to Mada 1916; in military during WWI &
 wounded; received Legion of Honor award; Provincial Commissioner for S Mada
 1916–44; collected about 19,000 specimens in Mada to Museum of Natural History, Paris, France;
 wrote a journal in 22 volumes of time spent in Mada; spouse H Decary;

Book [1921] *Monographie du District de Tsihombe*; 33p;

genus nah:

Decarya (Mada) (desc & nah by P Choux 1929) (also referred to as Decaryia);

species nah:

(Euphorbia) **decaryi** (Mada) (desc & nah by A Guillaumin 1934),
 (Poinciana) **decaryi** (Mada) 1949 (desc & nah by R Viguiet 1949) —> **Delonix decaryi** by RPR Capuron
 1968,
 (Senecio) **decaryi** (Mada) (desc & nah by J-H Humbert 1923),
 (Uncarina) **decaryi** (Mada) (desc & nah by H-D Ihlenfeldt 2001),
 (Xerosicyos) **decaryi** (Mada) (desc & nah by A Guillaumin & M Keraudren 1960);

disc species:

(Aloe) **helenae** (Mada) 1924 (desc & na Helen Decary by P Danguy 1929),
 (Pachypodium) **decaryi** (Mada) (desc & nah by HL Poisson 1917),
 (Stapeliopsis) **madagascariensis** (Mada) 1931 (desc by P Choux 1931) —> **Stapelianthus**
madagascariensis by P Choux 1934,

(Trichocaulon) **decaryi** (Mada) 1931 (desc & nah by P Choux 1932),

desc species:

(Aloe) **suzannae** (Mada) 1921 (na Suzanne Decary),
 (Aloe) **vaotsanda** (Mada) 1921 (disc by him 1921),
 (Gasteria) **antandroi** (Mada) 1921 —> **Aloe antandroi** by JMH Perrier ee la Bathie 1926),

(Gasteria) **suzannae** (Mada) 1921 (na Mademoiselle Suzanne Decary & disc by R Decary);
desc variety:
(Aloe vaombe var) **poissonii** (Mada) 1921 (na HL Poisson),
(Aloe vaotsohy var) **rosea** (Mada) 1921 —> **Aloe divaricata** var **rosea** by GW Reynolds 1958.

† **Decary**, Suzanne; Mada; parents H & R Decary;

species nah:

(Aloe) **suzannae** (Mada) (desc & nah by R Decary 1921).

{**Decne.**}, - See **Decaisne**, J.

† **Decorse**, (Dr med) Gaston-Jules [**Jules**] (10 Oct 1873–26 Aug 1907); {Decorse}; French physician & amateur botanist; MD degree in Paris 1898; military doctor to Mada 1898–1902; collected in Mada 1898–1900; accompanied AJB Chevalier on exploration in Chad, interested in tropical diseases 1902–03; explored in Tunisia & Sudan 1905; interested in medicinal uses of Aloe;

species nah:

(Aloe) **decorsei** (Mada) (desc & nah by JMH Perrier de la Bathie 1926),

(Euphorbia) **decorsei** (Mada) (desc & nah by E Drake del Castillo 1903),

(Sarcostemma) **decorsei** (Mada) (desc & nah by J-N Costantin & E-I Gallaud 1906);

desc species:

(Aloe) **vaombe** (Mada) [w HL Poisson] 1912.

† **DeFilipps**, (Dr) Robert Anthony (4 Mar 1939–4 Jul 2004); {DeFilipps}; US botanist; PhD at Southern Illinois Univ; research associate at Univ of Reading, Eng 1969–74; botanist at Smithsonian Institute Natl Museum of Natural History 1974~;

Book [1978] *Endangered & Threatened Plants of the US* [w ES Ayensu] DC; Eng; 301p.

† **Deflers**, Albert (16 Oct 1841–4 Oct 1921); {Deflers}; French geographer & botanist; to Egypt 1881; explorer & student of flora of Arabia, Egypt, Aden & Yemen 1887–94; short papers on new Stapelieae & Euphorbieae c1896;

Book [1889] *Voyage Botanique au Yemen* Paris, France; 246p;

species nah:

(Caralluma) **deflersiana** (Yemen) (desc & nah by JJ Lavranos 1963) —> **Orbea deflersiana** by PV Bruyns 2001;

disc species:

(Senecio) **deflersii** (Yemen) 1893 (desc & nah by O Schwartz 1939);

desc species:

(Aloe) **tomentosa** (Saudi Arabia, Yemen) 1889,

(Boucerosia) **adenensis** (Yemen) 1896 (disc by GA Schweinfurth 1881) —> **Caralluma adenensis** by A Berger 1910,

(Boucerosia) **awdeliana** (Yemen) 1896 (disc by him 1890) —> **Caralluma awdeliana** by A Berger 1910,

(Boucerosia) **cicatricosa** (Yemen) 1889 —> **Caralluma cicatricosa** by NE Brown 1892,

(Boucerosia) **penicillata** (Saudi Arabia, Yemen, Oman, Ethiopia, Sudan) 1889 (disc by GA Schweinfurth 1889) —> **Caralluma penicillata** by NE Brown 1892,

(Caralluma) **scutellata** (Yemen) 1896 (disc by him 1894) —> **Echidnopsis scutellata** by A Berger 1910,

(Ceropegia) **rupicola** (Yemen) 1889,

(Ceropegia) **sepium** (Yemen) 1889,

(Euphorbia) **adenensis** (Arabian Peninsula, Sudan, Somalia) 1887 → **Euphorbia balsamifera** ssp **adenensis** by PRO Bally 1974,
 (Euphorbia) **qarad** (Yemen) 1896,
 (Mesemb) **harazianum** (Yemen) 1889 → **Delosperma harazianum** by H-H Poppendieck & H-D Ihlenfeldt 1978,
 (Phialocarpus) **glomeruliflorus** (Somalia, Yemen) 1895 → **Corallocarpus glomeruliflorus** by CA Cogniaux 1916,
 (Stapelia) **anemoniflora** (Yemen) 1896 (disc by him 1890) → **Duvalia anemoniflora** by RA Dyer & JJ Lavranos 1976,
 (Stapelia) **chrysostephana** (Yemen) 1896 (disc by him 1893) → **Orbea chrysostephana** by PV Bruyns 2001;

subsp nah:

(Ceropegia aristolochioides ssp) **deflersiana** (Yemen, Saudi Arabia) (desc & nah by PV Bruyns 1988);
desc variety:
 (Kalanchoe brachycalyx var) **yemensis** (Yemen) 1889 → **Kalanchoe yemensis** by GA Schweinfurth 1896.

† **Dehay, Charles** Louis Ferdinand; French pharmacist; prof of pharmacy & faculty of medicine at Lille, France;
Book [1935] *L'Appareil Libero-Ligneux Foliaire des Euphorbiacées*; French; 148p.



Dehgan, (Prof) (Dr) Bijan (1939–); {Dehgan}; US horticultural taxonomist; PhD in botany at Univ of Calif, Davis 1976 & prof of horticultural taxonomy 1976; prof at dept of Environmental Horticulture at Univ of Florida, Gainesville;

Book [1976] *Experimental & Evolutionary Studies of Relationships in the Genus Jatropha L. (Euphorbiaceae)*; 447p; (PhD thesis),
 [1979] *Morphology & Infrageneric Relationships of the Genus Jatropha (Euphorbiaceae)* [w GL Webster] Berkeley, Calif; Eng; 73p + 33 plates;

desc species:

(Jatropha) **giffordiana** [w GL Webster] (Baja Calif) 1978,
 (Jatropha) **martinezii** [w EJ Lott] (Michoacan) 1992,
 (Jatropha) **mcvaughii** [w GL Webster] (Sinaloa, Durango) 1978 (na R McVaugh),
 (Jatropha) **moranii** [w GL Webster] (Baja Calif) 1978.

Dehin, Robert;

Book [1991] *Le Docteur Vert ou Docteur Aloes. Comment Profiter des Bienfaits de l'Aloe vera* Paris; 286p.

Dehn, Michael (fl. 1992); {Dehn}; Ger; student of HEK Hartmann;

transfer species:

“Mesemb spinosum” (C Linnaeus 1753) → **Ruschia spinosa** 1993;

disc subsp:

(Conophytum tantillum ssp) **inexpectatum** [w HEK Hartmann] (Namaq) 1986 (desc by SA Hammer 1991).

Dehn, R;

Book [1989] *25 Jahre Fachgruppe Kakteen und Sukkulente Halle im Kulturbund der DDR* [w W Strempele, B Boger, K Klugling & W Marx] Leipzig; 16p.



† **Deighton**, Frederick Claude (1903–18 Jan 1992); {Deighton}; British mycologist & plant pathologist; mycologist in lands & forest dept in Sierre Leone & Gold Coast 1926–55; also worked w Royal Bot Gardens at Kew & at commonwealth mycology institute;

species nah:

(Ceropegia) **deightonii** (Equatorial Guinea, Ivory Coast, Liberia, Nigeria, Sierra Leone, Central African Rep, Ghana) (desc & nah by J Hutchinson & JM Dalziel 1931),
(Euphorbia) **deightonii** (Sierra Leone) (desc & nah by LCM Croizat 1938).



† **Dekenah**, Albert Jacob [Japie] (2 Mar 1907–11 Jul 1981); RSA photographer & natural historian in Riversdale, Cape; curator at Julius Gordon Africana Centre, Riversdale 1975~; explored & collected succ; sent Aloes to GW Reynolds, Euphorbias to RA Dyer & Haworthias to GG Smith;

species nah:

(Haworthia) **dekenahii** (Western Cape) (desc & nah by GG Smith 1944) → **Haworthia magnifica** var **dekenahii** by MB Bayer 1997;

disc species:

(Haworthia) **longibracteata** (Western Cape) (desc by GG Smith 1945) → **Haworthia turgida** var **longibracteata** by MB Bayer 1999;

disc variety:

(Haworthia schuldtiana var) **major** (Western Cape) 1943 (desc by GG Smith 1946) → **Haworthia emelyae** var **major** by MB Bayer 1997.

† **Dekenah**, Ivor (11 Mar 1904–Feb 1997); RSA clerk to a magistrate 1922– 69 in Riversdale; collected succ for J Muir & NE Brown;

species nah:

(Punctillaria) **dekenahi** (Cape) (desc & nah by NE Brown 1928) → **Pleiospilos dekenahi** by MHG Schwantes 1930,

(Mesemb) **dekenahi** (Cape) (desc & nah by NE Brown 1929) → **Antimima dekenahi** by HEK Hartmann 1998,

(Mesemb) **ivori** (Cape) (desc & nah by NE Brown 1929) → **Antimima ivori** by HEK Hartmann 1998.

† **Dekindt**, Eugene (21 Jul 1865–18 Dec 1905); Ger; collected in Angola 1899–1902;

species nah:

(Euphorbia) **dekintii** (Angola) (desc & nah by FA Pax 1904);

disc species:

(Monadenium) **simplex** (Angola) c1902 (desc by FA Pax 1898).

Delabarre, F [Freddy] J; Belgian succ plant enthusiast; IOS member 1991;

Book [1988] Geschiedenis der Belgische Cactusverenigingen Menschaert; 39p.

† **DeLamater**, Rick (1954–1989); US; botany graduate student at Arizona State Univ; specialized on Agaves; re-discovered species below in 1988;

species nah:

(Agave) **delamateri** (Arizona) (desc & nah by W Hodgson & L Slauson 1995 & disc by S McKelvey 1920s).



Delange, Yves (1929–); French naturalist; assistant dir at Univ of Montpellier, France

1954–71 & lecturer at Natl History Museum, Paris 1971–94; IOS member 1978;

Book [1966] *Guide Familial of Cactées*; Paris, France; French; 160p,

[2003] *Cactées*; French; 96p,

[2004] *Plantes Succulentes*; French; 94p.



Delanoy, Gérard (17 Oct 1952– ; {Delanoy}; French;

Book [2003] *Le Genre Melocactus Link & Otto dans la Région Caraïbe (Succulentes Spécial* [w B Antesberger & A Vilardebo] Monaco Cedex, Monaco; French; 38p w 54 color photos;

(Melocactus in the Caribbean area),

[2007] *Melocacti of Cuba* [w Z Rigerszki, A Vilardebo & E Ujreti] Tradate, Italy; Italian or Eng versions; 1740p w 265 color photos.

Delgadillo, [Delgadillo Rodriguez,] (Prof) (Dr) José (1955–); {J.Delgad.}; Mex botanist; botanist at Universidad Autónoma de Baja Calif, Enseñada, Mex;

species nah:

(Cylindropuntia) **delgadilloana** (Baja Calif) (desc by JP Rebman & DJ Pinkava 2001 & disc by JP Rebman 1994).

Delgado Fenton, [Delgado,] J;

Book 1987] *Caracterization del Metabolismo Acido de Crassulaceas en Talinum triangulare (Jacq.) Willd.* Caracas, Venezuela; 95p w 26 plates.

Della Beffa, Maria Teresa;

Book [2001] *Kakteen*; Ger; 224p.

† **Delpino**, Giacomo Giuseppe Federico (27 Dec 1833–1905); {Delpino}; Italian botanist; dir of Orto Botanico Dell Università di Napoli 1893~; observed fertilization of Stapelias by different flies;

Book [1867] *Fertilization of the Phanerogams*.

Demissew, — See **Sebsebe** Demissew.

† **Dempster**, [née Tinsley,] Lauramay (11 May 1905–14 Nov 1997); {Dempster}; US botanist, taxonomist & graphic artist; MS in botany (student of WL Jepson) at Univ of Calif, Berkeley 1927; research assistant w WL Jepson at Univ of Calif, Berkeley 1927–46 & research associate in Jepson Herbarium 1946~; collected in Mex, S Amer, Galapagos Islands, Australia & Africa; primary interest was in gen us Galium; had interest in genus Lewisia; spouse (Dr) Everett Ross Dempster;

desc subsp:

(Lewisia kelloggii ssp) **hutchisonii** (Calif) 1996 (na PC Hutchison).

† **Denham**, Dale Lee (12 Nov 1922–8 Sep 1997); {D.L.Denham}; US;

desc species:

(Nematanthus) **gregarius** (Brazil) 1974.

† **Denis**, (Dr) Marcel (20 Jan 1897–21 Jan 1929); {Denis}; French botanist; DSc 1921; assistant at Bot Laboratory of Sorbonne & at Faculte des Sciences de Claremont-Ferrand;

Book [1921] *Les Euphorbées des Îles Australe d’Afrique* Paris, France; French; 151p;

desc species:

(Euphorbia) **antso** (Mada) 1921,
 (Euphorbia) **biaculeata** (Mada) 1921,
 (Euphorbia) **brachyphylla** (Mada) 1921,
 (Euphorbia) **caput-aureum** (Mada) 1921,
 (Euphorbia) **didieroides** [w JD Leandri] (Mada) 1934,
 (Euphorbia) **mahafalensis** (Mada) 1921,
 (Euphorbia) **mangokyensis** (Mada) 1921,
 (Euphorbia) **pedilanthoides** (Mada) 1921,
 (Euphorbia) **viguierei** (Mada) 1921,
 (Euphorbia) **xanthadenia** (Mada) 1921 —> **Euphorbia mahafalensis** var **xanthadenia** by JD Leandri 1946,

(Monadenium) **letestuanum** (Central African Rep) 1922 (disc by GMP le Testu 1921 & nah);

desc variety:

(Euphorbia perrieri var) **elongata** (Mada).

Denius, (Dr) Homer R, Jr; US biologist; PhD at Florida State Univ, Tallahassee 1971;

prof of biological science at Florida Institute of Technology, Melbourne, Florida;

Book [1971] *Studies on the Relation Between Crassulacean Acid Metabolism & Photosynthesis in Leaves of Aloe arborescens*; 182p; (PhD thesis).



† **Denton**, (Dr) Melinda Fay (1944–5 Mar 1994); {Denton}; US botanist, systematist & phytogeographer; PhD at Univ of Michigan 1971; curator of herbarium at Univ of Washington, Seattle, Washington 1972~; editor (1984–85) & pres (1990–91) of Amer Soc of Plant Taxonomists; collected in Mex 1968, 1970 & 1972; interested in

Crassulaceae & genus *Sedum*;

Book [1978] *Endemism & Evolutionary Divergence in the Sedum section Gormaniana complex (Crassulaceae)* Seattle; Eng;

desc subsp:

(*Sedum laxum* ssp) **flavidum** (Calif) 1978,

(*Sedum obtusatum* ssp) **paradisum** (Calif) 1978.

Denver Bot Gardens;

Book [1964] *Green Thumb Journal (Special Native Cacti Edition)* Denver, Colorado; Eng; 74p.



† **Derby**, (Prof) (Dr) Orville Adalbert (23 Jul 1851–27 Nov 1915); US geologist; PhD at Cornell Univ 1874; to Brazil 1875; prof at Natl Museum of Rio de Janeiro, Brazil 1877–86; dir of geographical & geological commission of São Paulo, Brazil 1886–1904; never married;

disc species:

(*Rhipsalis*) **pulchra** (Brazil) (desc by A Lofgren 1915).

† **Derenberg**, (Dr med) Julius (15 Mar 1873–11 Mar 1928); {Derenb. or Derenbg.}; Ger physician & lover of plants in Hamburg; friend of MK Dinter & MHG Schwantes; specialized in Mesembs; spouse Louisa [née Warburg] Derenberg (1879–1973);

genus nah:

Derenbergiella (Namibia) (desc & nah by MHG Schwantes 1928) (syn of *Mesemb* LINNAEUS);

species nah:

(*Cheiridopsis*) **derenbergiana** (Little Namaq) (desc & nah by MHG Schwantes 1927),

(Echeveria) **derenbergii** (Oaxaca) (desc & nah by JA Purpus 1921),
 (Mesemb) **derenbergianum** (Namaq) (desc & nah by MK Dinter 1923) —> **Ebracteola derenbergiana**
 by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **julii** (Namaq) (desc & nah by MK Dinter & MHG Schwantes 1925 & disc by MK Dinter 1924)
 —> **Lithops julii** by NE Brown 1926;
desc species:
 (Mesemb) **microspermum** [w MK Dinter] (Great Namaland) 1927 —> **Dinteranthus microspermus** by
 MHG Schwantes 1926.

† **Des Moulins**, [Desmoulins,] **Charles** Robert Alexandre (13 Mar 1798–23 Dec 1875); {Des Moul.};
 French naturalist, geologist, zoologist & malacologist; member & pres of Soci  t   Linn  enne of Bordeaux 1827;
desc species:
 (Euphorbia) **milii** (Mada) 1826 (disc by M le baren Milius c1820 & nah).

† **Descamps**, Georges Raoul Adolphe (17 Sep 1855–25 Apr 1938); Belgian; collected in Zaire
 1890–96 & in Malawi, Congo & Burundi;
disc species:
 (Monadenium) **descampsii** (Zaire) 1896 (desc & nah by FA Pax 1898).



Descoings, (Dr) Bernard M (7 Sep 1931–23 Oct 2018); {Desc.}; French botanist; botanist at
 Office de la Recherche Scientifique et Technique d'Outre-Mer in Mada 1954–60 & in Congo 1960–64
 & at Centre Natl de la Recherche Scientifique in Montpellier, France 1966–86; collected in Mada &
 central & western Africa 1960–65 & 1976–80 & in French Guiana 1974; specialist in Asclepiadaceae &
 Vitaceae; IOS member 1994;

desc genus:
Karimbolea (Mada) 1960;
species nah:
 (Cynanchum) **descoingsii** (Mada) (desc & nah by WHH Rauh 1993),
 (Senecio) **descoingsii** (Mada) (desc & nah by C Jeffrey 1994);
disc species:
 (Aloe) **calcairophila** (Mada) 1957 (desc by GW Reynolds 1961),
 (Aloe) **descoingsii** (Mada) 1956 (desc & nah by GW Reynolds 1958);
desc species:

(Cissus) **coursii** (Mada) 1965 (na G Cours),
 (Cissus) **humbertiana** (Mada) 1965 (na H Humbert),
 (Crassula) **humbertii** (Mada) 1957 (na J-H Humbert),
 (Cynanchum) **juliani-marnieri** (Mada) 1971 (na Julien LE Marnier-Lapostolle),
 (Cynanchum) **rauhianum** (Mada) 1963 (disc by WHH Rauh & nah),
 (Cyphostemma) **ankirihitrensis** (Mada) 1963,
 (Cyphostemma) **cornigerum** (Mada) 1963,
 (Cyphostemma) **echinocarpum** (Mada) 1963,
 (Cyphostemma) **elephantopus** (Mada) 1962,
 (Cyphostemma) **laza** (Mada) 1962,
 (Cyphostemma) **macrocarpum** (Mada) 1963,
 (Cyphostemma) **montagnacii** (Mada) 1962 (na MR Montagnac),
 (Cyphostemma) **pachypus** (Mada) 1963,
 (Cyphostemma) **roseiglandulosum** (Mada) 1963,

(*Cyphostemma*) **rutilans** (Mada) 1997,
 (*Cyphostemma*) **sakalavense** (Mada) 1963,
 (*Kalanchoe*) **curvula** (Mada) 1997,
 (*Kalanchoe*) **cymbifolia** (Mada) 1997,
 (*Kalanchoe*) **laetivirens** (Mada) 1997,
 (*Kalanchoe*) **quadrangularis** (Mada) 1997,
 (*Kalanchoe*) **sanctula** (Mada) 1997,
 (Karimbolea) **verrucosa** (Mada) 1960 → **Cynanchum verrucosum** by SL Liede & U Meve 2001,
 (Prosopostelma) **aculeatum** (Mada) 1957 → **Cynanchum aculeatum** by SL Liede & U Meve 1996,
 (Stapelianthus) **insignis** (Mada) 1957;

transfer *species*:

“*Cissus crithmifolia*” (E Chiovenda 1929) → **Cyphostemma crithmifolium** 1967,
 “*Cissus currorii*” (JD Hooker 1849) → **Cyphostemma currorii** 1967,
 “*Cissus hereroensis*” (H Schinz 1908) → **Cyphostemma hereroense** 1967,
 “*Cissus hypoleuca*” (WH Harvey 1860) → **Cyphostemma hypoleucum** 1967,
 “*Cissus juttae*” (EF Gilg & M Brandt 1912) → **Cyphostemma juttae** 1967,
 “*Cissus lanigera*” (WH Harvey 1859) → **Cyphostemma langerum** 1967,
 “*Cissus migiurtinorum*” (E Chiovenda 1929) → **Cyphostemma migiurtinorum** 1967,
 “*Cissus pachyantha*” (EF Gilg & M Brandt 1911) → **Cyphostemma pachyanthum** 1967,
 “*Cissus rupicola*” (EF Gilg & M Brandt 1912) → **Cyphostemma rupicola** 1967,
 “*Cissus sarcospathula*” (E Chiovenda 1929) → **Cyphostemma sarcospathulum** 1967,
 “*Cissus ternato-multifida*” (E Chiovenda 1932) → **Cyphostemma ternato-multifidum** 1967,
 “*Cissus uter*” (A Exell & F de A Mendonca 1952) → **Cyphostemma uter** 1967,
 “*Decanema luteifluens*” (HL Jumelle & JMH Perrier de la Bathie 1911) → **Cynanchum luteifluens** 1961,
 “*Saelanthus ternatus*” (P Forsskal 1775) → **Cyphostemma ternatum** 1967,
 “*Vitis bainesii*” (JD Hooker 1864) → **Cyphostemma bainesii** 1967,
 “*Vitis crassiuscula*” (JG Baker 1868) → **Cyphostemma crassiusculum** 1967;

desc *variety*:

(*Cynanchum compactum* var) **imerinense** (Mada) 1961,
 (*Cyphostemma laza* var) **parvifolium** (Mada) 1962,
 (*Cyphostemma macrocarpum* var) **minutifolium** (Mada) 1963;

desc *forma*:

(*Cissus microdonta* fa) **bemarahensis** (Mada) 1966,
 (*Cissus microdonta* fa) **deltoidea** (Mada) 1966.

† **Descole**, (Dr) Horacio [Horacius, Horace] Raúl (6 Feb 1910–7 Feb 1984); {Descole}; Argentine pharmacist & botanist; PhD in pharmacy & biochemistry at Univ of Buenos Aires, Argentina 1931; prof of botany & then pres at Univ of Tucuman, Argentina 1937~; worked on genera & species of Argentinian plants; **Book** [1943–56] *Genera et Species Plantarum Argentinarum* Buenos Aires, Argentina; Spanish; (in 5 Vols, 1st Vol of 100p on cacti) (editor of).

† **Descourtilz**, (Dr med) Michel Étienne (25 Nov 1775–1835); {Descourt.}; French physician, botanist & histiographer; MD 1799; pres of Paris Linnean Soc; collected in Haiti;

desc *species*:

(*Agave*) **antillarum** (Haiti, Dominican Rep) 1827.

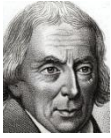
Desender-Bruneel, Myriam;

Book [1995] *Cactussen & Vetplanten – Mijn Hobby* Izegem, Belgium; Flemish; 444p.

Desert Plants journal; first issued in 1979;

Book [1980] *Ethnobotany of the Saguaro*; 78p; (Vol 2, #1),

[1985] *Agave, Symposium on the Genus*; 115p; (Vol 7, #2).



† **Desfontaines**, (Prof) (Dr med) René [Renatus] Louiche (14 Feb 1750–16 Nov 1833); {Desf.}; French physician & botanist;

MD in Paris 1782; explored in Algeria & Tunis 1783–85; prof of botany at Jardin des Plantes, Paris 1786–1810 & at Faculty of Science, Paris 1811~;

Book [1804] *Tableau de l'Ecole de Botanique du Muséum d'Histoire Naturelle* Paris, France; 238p; (second edition 1815 w 274p & third edition 1829 w 416p);

desc species:

(Cotyledon) **parviflora** (Greece, Turkey) 1808 —> **Umbilicus parviflorus** by AP de Candolle 1928.

Desmond, Ray (1925–); British librarian & author of natural history subjects; chief librarian & archivist at Kew & deputy keeper of India Office Library;

Book [1987] *A Celebration of Flowers – 200 yrs of Curtis's Bot Magazine* Kew; Eng; 208p w 39 plates,

[1999] *Sir Joseph Dalton Hooker: Traveller & Plant Collector* Suffolk, Eng; Eng; 286p.

Desobry, Georges;

Book [1965] *Aloe arborescens Mill et ses Pigments Caroténoides* Alger; 116p.

Despain, David Kim (1947–); US photographer & student of flora of Utah; BS in zoology at Brigham Young Univ, Provo, Utah 1972; industrial welding inspector & testing technician 1980~; explored in Utah & western US; member of Utah Native Plant Soc 1980~; spouse Michelle Despain;

disc species:

(Pediocactus) **despainii** (Utah) 1978 (desc & nah by SL Welsh & S Goodrich 1980) —> **Pediocactus bradyi** ssp **despainii** by F Hochstatter 1995.

Despain, Don G; US; MS at Univ of Arizona, Tucson 1967;

Book 1967] *The Survival of Saguaro (Carnegiea gigantea) Seedlings on Soils of Differing Albedo, Cover, & Temperature* Arizona; Eng; 57p; (MS thesis).

† **Desvaux**, Nicaise Auguste [Auguste-Nicaise] (28 Aug 1784–12 Jul 1856); {Desv.}; French botanist; prof of botany in Bellevue; dir of bot gardens in Angers 1817–38;

transfer species:

“*Crassula andegavensis*” (AP de Candolle 1815) —> **Sedum andegavense** 1818.



Devender, (Prof) (Dr) Thomas Roger van (24 Feb 1946–); {T.Van Devender}; US biologist & zoologist; PhD in geochronology at Univ of Arizona 1973; research scientist at Arizona-Sonora Desert Museum, Arizona 1983–2009; prof in dept of geosciences at Univ of Arizona 1984~; interested in flora of Sonoran Desert Region; collected in Chihuahua & Sonora 1977;

Book [1986] *Nichol Turk's Head Cactus (Echinocactus horizonthalonius var nicholii) Recovery Plan* [w CJ May, TC Gibson, M Butterwick & P Olwell] Albuquerque; 68p,

[2000] *Cactáceas de Sonora, Mex: su Diversidad, Uso y Conservación* [w RP Aguilar & RS Felger] Tucson, Arizona; Spanish; 143p;

desc species:

(Portulaca) **yecorensis** [w JS Henrickson] (Sonora) 1999;

desc subsp:

(Agave parviflora ssp) **densiflora** [w GD Starr] (Sonora) 2011 (disc by GD Starr & A Douglas 1998).

DeWet, Conradie; RSA farmer from Kanetvlei;

species nah:

(Bulbine) **dewetii** (Western Cape) (desc & nah by EJ van Jaarsveld 2017 & disc by EJ van Jaarsveld 2014),

† **Dewey**, Lyster Hoxie (14 Mar 1865–27 Nov 1944); {L.H.Dewey}; US agricultural botanist; BS at Michigan State College 1888; fibre specialist at USDA 1890–35; spouse Henrietta [Etta] I [née Knight] Dewey (1865–1938);

Book [1943] *Fiber Production in the Western Hemisphere*; Eng; 95p,

[1943] *Growing Agave lechuguillia & Using for Medical & Fibre Purposes*; Eng; 50p;

species nah:

(Agave) **deweyana** (Tamaulipas, Veracruz) (desc & nah by WA Trelease 1909) —> **Agave vivipara** var **deweyana** by PI Forster 1992.

Dewit, Jeanine (1929–); {Dewit};

desc variety:

(Cissus quadrangularis var) **pubescens** (Ivory Coast to Somalia, Kenya, Tanzania) 1959.

Dezso, [Dezső,] Szabó;

Book 1971] *Torpe Kaktuszok* [w M Zoltan] Budapest; 128p.

[1981] *Kaktusok* [w N Lajos] Budapest; 293p.

† **Di Capua**, Ernesta (26 Jul 1875–23 Oct 1943); {Di Capua}; Italian botanist & taxonomist;

species nah:

(Spathulopetalum) **dicapuae** (Eritrea, Ethiopia, Somalia, Kenya) (desc & nah by E Chiovenda 1912 & disc by A Terracciano & A Pappi 1892) —> **Caralluma dicapuae** by E Chiovenda 1937.

Diakonov, BM;

Book [1953] *Kaktusi* [w H Kurnakov] Leningrad, Russia; Russian; 68p + 40 plates.

† **Diaz de Cossio**, [Diaz,] M;

Book [1938] *Henequen, riqueza Yucateca* Mex City; 109p.

Diaz Luna, [Diaz,] Carlos Luis (1936–); Mex biologist; founder of herbarium in Guadalajara, Jalisco;

species nah:

(Pedilanthus) **diazlunanus** (Jalisco) (desc & nah by JA Lomeli & E Sahagun 1993).

† **Diaz Romero**, [Diaz,] (Prof) (Dr med) Belisario (15 Jan 1870–1940); Bolivian physician & naturalist; MD at Greater Univ of San Andrés, Bolivia 1895; prof of medicine & natural sciences in Bolivia;

species nah:

(Pereskia) **diaz-romeroana** (Cochabamba, Santa Cruz) (desc & nah by M Cardenas 1950 & disc by M Cardenas 1947).



Dice, James C (1953–); {Dice}; US ecologist & naturalist; MS at San Diego State Univ 1987; resource ecologist at Calif State Parks, Colorado Desert District, Borrego Springs, Calif;
desc species:
 (Nolina) **cismontana** (Calif) 1995.

Dicht, (Dr med) Reto Friedrich (1952–); {Dicht}; Swiss physician; MD at Univ of Basle, Switzerland 1978; interested in genus *Coryphantha*; explored in Mex & US 1988~; IOS member 1996; received Karl-Schumann-Preis award from DKG 2005; spouse Roswitha Dicht;
Book [2003] *Coryphantha: Kakteen aus Nordamerika* [w AD Luthy] Stuttgart, Ger; Ger; 139p w 297 color photos; (2004 Eng edition *Coryphantha: Cacti of Mex & s USA* NYC; Eng; 200p);
desc species:

(*Coryphantha*) **glassii** [w AD Luthy] (Guanajuato, San Luis Potosi) 2000 (disc by CE Glass & nah),
 (*Coryphantha*) **hintoniorum** [w AD Luthy] (Nuevo Leon) 1999 (disc by RF Dicht & AD Luthy & na the Hinton family – see GS Hinton);

transfer species:

“*Coryphantha calipensis*” (S Arias Montes, LU Guzmán Cruz & S Gama López 1992) —> ***Coryphantha pallida* ssp *calipensis*** [w AD Luthy] 2000,

“*Coryphantha cuencamensis*” (L Bremer 1980 —> ***Coryphantha durangensis* ssp *cuencamensis*** [w AD Luthy] 2001,

“*Coryphantha greenwoodii*” (H Bravo-Hollis 1970) —> ***Coryphantha elephatidens* ssp *greenwoodii*** [w AD Luthy] 2001,

“*Coryphantha laui*” (L Bremer 1979) —> ***Coryphantha pseudoechinus* ssp *laui*** [w AD Luthy] 2001,

“*Echinocactus salinensis*” (H Poselger 1853) —> ***Coryphantha salinensis*** [w AD Luthy] 1998,

“*Mamm bumamma*” (CG Ehrenberg 1849) —> ***Coryphantha elephantidens* ssp *bummama*** [w AD Luthy] 2001,

“*Mamm stipitata*” (MJF Scheidweiler 1838) —> ***Coryphantha clavata* ssp *stipitata*** [w AD Luthy] 2001;

desc subsp:

(*Coryphantha hintoniorum* ssp) ***geoffreyi*** [w AD Luthy] (Nuevo Leon) 2003 (disc by GS Hinton & GB Hinton III & na Geoffrey A Hinton),

(*Coryphantha ramillosa* ssp) ***santarosa*** [w AD Luthy] (Coahuila) 2000 (disc by AD Luthy & A Hofer).

†**Dickison**, Shirley (3 Oct 1920–28 Sep 2016); US in San Saba, Texas; explorer in Mex;

disc variety:

(*Turbinicarpus schmiedickeanus* var) ***dickisoniae*** (Nuevo Leon) 1981 (desc & nah by CE Glass & RA Foster 1982) —> ***Turbinicarpus schmiedickeanus* ssp *dickisoniae*** by NP Taylor 1998.

†**Dickson**, (Mr) ?;

disc species:

(*Duvalia*) ***angustiloba*** (Western Cape, Eastern Cape) c1875 (desc by NE Brown 1883),

(*Stapelia*) ***virescens*** (Northern Cape, Western Cape, Namibia) c1875 (desc by NE Brown 1890)

—> ***Tridentia virescens*** by LC Leach 1978.



†**Diels**, (Dr) Friedrich **Ludwig** Emil (24 Sep 1874–30 Nov 1945); {Diels}; Ger botanist; PhD at Berlin Univ 1896; dir at Berlin-Dahlem Bot Garden & Museum, Ger; collected in western Australia 1900–01;
species nah:

(Haworthia) **dielsiana** (Eastern Cape) (desc & nah by JKL von Poellnitz 1930) —> **Haworthia cooperi** var **dielsiana**

(Mesemb) **dielsianum** (western Australia) (desc & nah by A Berger 1922) —> **Ruschia dielsiana** by HEK Hartmann 1998,

(Sedum) **dielsii** (China) (desc & nah by Raymond-Hamet 1913);

desc species:

(Calandrinia) **primuliflora** (Western Australia) 1904 —> **Parakeelya primuliflora** by MA Hershkovitz 1999,

(Calandrinia) **weberbaueri** (Peru) 1906 (na A Weberbauer) —> **Cistanthe weberbaueri** by MA Hershkovitz 1991,

(Cotyledon) **eurychlamys** (Cajamarca) 1906 (disc by A Weberbauer 1904) —> **Echeveria eurychlamys** by A Berger 1930,

(Cotyledon) **excelsa** (Ancash) 1906 —> **Echeveria excelsa** by A Berger 1930,

(Cotyledon) **virgata** (Peru) 1906 (disc by A Weberbauer 1903) —> **Villadia virgata** by C Baehni & JF Macbride 1937,

(Cotyledon) **weberbaueri** (Amazonas A) 1906 (na A Weberbauer) —> **Sedum weberbaueri** by J Thiede & H 't Hart 1999,

(Crassula) **deminuta** (Mpumalanga) 1907 —> **Crassula setulosa** var **deminuta** by HR Tolken 1975,

(Gunnera) **intermedia** (western Australia) 1904,

(Mesemb) **apodanthum** [w FRR Schlechter] (Northern Cape) 1907,

(Mesemb) **ebracteatum** [w FRR Schlechter] (Namibia, Namaq) 1907 —> **Cephalophyllum ebracteatum** by MK Dinter & MHG Schwantes 1928,

(Mesemb) **odontocalyx** [w FRR Schlechter] —> **Ruschia odontocalyx** by MHG Schwantes 1926,

(Mesemb) **pyrodorum** —> **Stomatium pyrodorum** by HML Bolus 1927,

(Mesemb) **rhopalophyllum** [w FRR Schlechter] (Namaq) 1907 —> **Fenestraria rhopalophylla** by NE Brown 1925,

(Mesemb) **schultzei** [w FRR Schlechter] (Cape) 1907 (na LS Schultze) —> **Leipoldtia schultzei** by CH Friedrich 1960,

(Oxalis) **ptychoclada** (Peru) 1906,

(Oxalis) **sepalosa** (Peru, Bolivia) 1906,

(Pilea) **peperomioides** (Yunnan) 1912.

(Sedum) **rosthornianum** (China) 1900 (na A von Rosthorn),

(Stephania) **pierrei** (Cambodia) 1910 (na JBL Pierre),

(Tradescantia) **ionantha** (Colombia, Peru, Bolivia) 1906 —> **Tripogandra ionantha** JF Macbride 1945;

transfer species:

“Aizoon zygophylloides” (FHJ von Mueller 1871) —> **Gunnera zygophylloides** 1904.

Diers, (Prof) (Dr) Lothar (1932–); {Diers}; Ger botanist; prof of botany at Institut der Universität zu Köln; IOS member 1971;

species nah:

(Discocactus) **diersianus** (Goias) (desc & nah by E Esteves Pereira 1979 & disc by E Esteves Pereira c1978),

desc species:

(Coleocephalocereus) **braunii** [w E Esteves Pereira] (Espirito Santo) 1985 (na PJ Braun),

(Copiapoa) **laui** (Antofagasta) 1980 (disc by AB Lau 1971 & nah) —> **Copiapoa hypogaea** ssp **laui** by GJ Charles 2006,

(Hildewintera) **colademononis** [w W Krahn] (Bolivia) 2003 (disc by E Heger) —> **Cleistocactus colademononis** by R Mottram 2006,
 (Mamm) **beiselii** (Colima-Michoacan border) 1979 (disc by KW Beisel & ? Krasucka 1978 & na KW Beisel) —> **Mamm karwinskiana** ssp **beiselii** by DR Hunt 1997,
 (Matucana) **polzii** [w JD Donald & E Zecher] (Huanuco) 1986 (na F Polz) —> **Matucana aurantiace** ssp **polzii** by R Mottram 2002,
 (Parodia) **hegeri** [w W Krahn & K Beckert] (Bolivia) 2005 (disc by W Krahn & na E Heger),
 (Pseudopilocereus) **parvus** [w E Esteves Pereira] (Bahia, Goiás) 1982 (disc by E Esteves Pereira 1978)
 —> **Pilosocereus parvus** by PJ Braun 1988,
 (Pseudopilocereus) **vilaboensis** [w E Esteves Pereira] (Goiás) 1983 —> **Pilosocereus vilaboensis** by PJ Braun 1988,
 (Pygmaeocereus) **bieblii** (Peru) 1995 (disc by W Biebl & nah),
 (Turbinicarpus) **swobodae** [w E Esteves Pereira] (Nuevo Leon) 1987 (disc by H Swoboda & nah);
transfer species:
 “Cereus melanurus” (KM Schumann 1890) —> **Arthrocereus malanurus** [w E Esteves Pereira & PJ Braun] 1987;
desc variety:
 (Turbinicarpus pseudomacrochele var) **lausseri** [w G Frank] (Hidalgo & Queretaro) 1991 (na A Lausser)
 —> **Turbinicarpus pseudomacrochele** ssp **lausseri** by CE Glass 1997.



†**Dieterle**, [née van Akkeren] **Jennie** (2 Aug 1909–7 Jul 1999); {Dieterle}; US botanist at Univ of Michigan herbarium; specialist in Cucurbitaceae; collected in Mex; spouse Robert Richard Dieterle (1896–1969);

desc genus:

Parasicyos (Mex, Guatemala) 1975.

†**Dietrich**, (Dr) Albert Gottfried (8 Nov 1795–22 May 1856); {A.Dietr.}; Ger botanist & gardener; PhD at Berlin Univ 1834; curator at Berlin Bot Garden; botanical journalist & co-producer [w CF Otto] of *Allgemeine Gartenzeitung* magazine;

Book [1833–51] *Allgemeine Gartenzeitung*; [w CF Otto] Berlin, Ger; Ger; (horticultural magazine);
 [1833–34] Jahrgang 1&2; (1989 reprint w 95p);
 [1834–36] Jahrgang 3&4; (1990 reprint w 125p);
 [1837–38] Jahrgang 5&6; (1993 reprint w 180p);

desc species:

(Begonia) **paltata** [w CF Otto] (Mex) 1841
 (Cereus) **pteranthus** (Mex, Haiti, Bahamas, Cuba, Cayman Islands) 1834 —> **Selenicereus pteranthus** by NL Britton & JN Rose 1909,
 (Cereus) **tortuosus** [w CF Otto] (Argentina, Paraguay, Uruguay) 1838 —> **Harrisia tortuosa** by NL Britton & JN Rose 1920.
 (Echinocactus) **albatus** (Mex) 1846 —> **Echinofossulocactus albatus** by NL Britton & JN Rose 1922,
 (Echinocactus) **capricornis** (Chihuahuan Desert of n Mex) 1851 —> **Astrophytum capricorne** by NL Britton & JN Rose 1922,
 (Echinocactus) **phyllacanthus** [w CF Otto] (Mex) 1836 —> **Stenocactus phyllacanthus** by AW Hill 1933,
 (Echinocactus) **poselgerianus** (Coahuila, Durango, San Luis Potosi, Zacatecas) 1851 (disc by H Poselger & nah) —> **Coryphantha poselgeriana** by NL Britton & JN Rose 1922,
 (Echinocactus) **sinuatus** (Nuevo Leon, Tamaulipas) 1851 —> **Ferocactus hamatacanthus** ssp **sinuatus** by NP Taylor 1998,

(Echinocactus) **sulphureus** (Mex) 1845 → **Stenocactus sulphureus** by H Bravo-Hollis 1982,
 (Echinopsis) **maximiliana** (Bolivia, Peru) 1846,
 (Gesneria) **magnifica** [w CFE Otto] (Brazil) 1833 → **Sinningia magnifica** by HJ Wiehler 1975,
 (Mamm) **sphaerica** (Tamaulipas, Texas) 1853,
 (Mamm) **wildii** (Hidalgo) 1836 → **Mamm crinita** ssp **wildii** by DR Hunt 1997;

transfer species:

“Echinocactus pentlandii” (WJ Hooker 1844) → **Echinopsis pentlandii** 1846,
 “Piper verticillatum” (C Linnaeus 1759) → **Peperomia verticillata** 1831.

† **Dietrich**, (Dr) **David** Nathaniel Friedrich (3 Oct 1799–23 Oct 1888); {D.Dietr.}; Ger botanist & bot polygrapher; dir of bot garden & curator of herbarium at Univ of Jena 1828~ & PhD 1836; uncle FG Dietrich;
Book [1839–52] *Synopsis Plantarum seu enumeratio systematica*..... Weimar, Ger; Ger; in 5 Vols; (extracts on cacti reprint in 1995 w 39p);

transfer species:

“Globulea atropurpurea” (AH Haworth 1824) → **Crassula atropurpurea** 1840,
 “Globulea mesembryanthoides” (AH Haworth 1824) → **Crassula mesembryanthoides** 1840,
 “Grammanthes filiformis” (CF Ecklon & CLP Zeyher 1837) → **Crassula filiformis** 1840.



† **Dietrich**, Friedrich Gottlieb (9 Mar 1765–2 Jan 1850); {Dietr. or F.Dietr.}; Ger botanist & garden designer; nephew DNF Kietrich;

Book [1826] *Neuer Nachtrag zum Vollständigen Lexicon der Gartnerei und Botanik* Berlin, Ger,
 [1843] *Synopsis Plantarum seu Enumeratio Systematica* Berlin;

desc species:

° (Begonia) **dregei** [w CF Otto] (Natal, Eastern Cape) 1836 (na JF Drege);

transfer species:

“Piper incanum” (AH Haworth 1819) → **Peperomia incana** 1831.



† **Diguët**, Léon [Jacques Gustave] (25 Jul 1859–31 Aug 1926); {Diguët}; French industrial chemist, geologist, metallurgist, botanist & naturalist; explorer & collector in Mex & Baja Calif 1889–1914 for Natural History Museum, Paris, France;

Book [1906] *Étude sur les Principales Cactées* Paris; 31p,

[1910] *Le Maïs et le Maguey* Paris; 33p,

[1912] *Territorio de la Baja Calif* Mex City, Mex; Spanish; 40p,

[1916] *Culture Indigène de Certains Cereus dans la vallee de las Playas (Mexique)* Paris; 17p,

[1928] *Les Cactacées utiles du Mexique* = “Uses of cacti in Mex” Paris; French; 552p; (pub posthumously by A Guillaumin);

species nah:

(Bronnia) **diguëtii** (Baja Calif) (desc & nah by PEL van Tieghem 1899) → **Fouquieria diguëtii** by IM Johnston 1925;

disc species:

(Cereus) **chende** (Puebla, Oaxaca) c1904 (desc by R Roland-Gosselin 1905) → **Polaskia chende** by AC Gibson & KE Horak 1979,

(Cereus) **chichiipe** (Puebla, Oaxaca) c1904 (desc by R Roland-Gosselin 1905) → **Polaskia chende** by C Backeberg 1951,

(Cereus) **huitcholensis** (Jalisco, Chihuahua, Durango, Nayarit, Sinaloa) 1900 (desc by FAC Weber 1904) → **Echinocereus huitcholensis** by M Lange 1994,

(Cereus) **viperinus** (Puebla, Morelos, Oaxaca) (desc by FAC Weber & A Roland-Gosselin 1904)

—> **Peniocereus viperinus** by KG Kreuzinger 1935,
 (Echinocactus) **diguettii** (Islands of the Gulf of Calif) (desc & nah by FAC Weber 1898) —> **Ferocactus diguettii** by NL Britton & JN Rose 1922,
 (Echinocactus) **peninsulæ** (Baja Calif) 1894 (desc by FAC Weber 1895) —> **Ferocactus peninsulæ** by NL Britton & JN Rose 1922,
 (Opuntia) **alcahes** (Baja Calif) 1894 (desc by FAC Weber 1895) —> **Cylindropuntia alcahes** by FM Knuth 1936,
 (Opuntia) **gosseliniana** (Sonora) 1897 (desc by FAC Weber 1902 & na R Roland-Gosselin),
 (Pilocereus) **alensis** (Mex) (desc by R Roland-Gosselin 1905) —> **Pilosocereus alensis** by RS Byles & GD Rowley 1957.



† **Dillenius**, [Dillen,] (Prof) (Dr med) Johann [Johan, John] Jacob [Jakob, James] (22 Dec 1684–2 Apr 1747); {Dill.}; Ger physician, botanist, bot artist & philosopher; Ger name was Johann Jakob Dillen; to Eng to assist amateur botanist Wm Sherard (1659–1728) to pub and work in his herbarium & garden at Eltham, Eng, 1721–28; first prof of botany & dir of bot garden at Univ of Oxford, Eng 1728~; MD at St. John's College, Univ of Oxford 1735; corresponded w & met C Linnaeus in Eng 1736; drew & etched drawings in own publications; FRS 1724; one of founders of Bot Soc of London & first pres 1721;
Book [1732] *Hortus Elthamensis seu Plantarum Rariorum* = “Catalogue of plants in private bot garden of acobus [James] Sherard (brother of Wm Sherard) at Eltham, Eng”; London, Eng; Latin; 437p; (in 2 Vols); w 324 leaves of his own plates, including 94 plates of succ, mostly Mesembs; (What we now know as Opuntia, Dillenius called Tuna.);

Vol 1; 206p; (w 167 plates);

Vol 2; 171p; (w 157 plates);

(C Linnaeus thought this book to be the most complete bot work the world had ever seen.);

disc species:

(Aloe) **mitriformis** (Cape) ≈1732 (desc by P Miller 1768; however, JJ Dillenius first desc it as “Aloe Africana mitræformis spinosa” [pre-Linnaeus]).

Dillon, Richard Quartin- — See **Quartin-Dillon**.

Di Martino, Lino;

Book [1998] *Echinocereus (A Special Issue)*; Italian/Eng; 114p.



Dimmitt, (Dr) Mark Alan (12 Jan 1946–); {Dimmitt}; US botanist, natural historian, horticulturist, author, plant breeder & hybridizer; PhD in biology at Univ of Calif, Riverside, Calif 1975; curator of botany 1979~ & dir of natural history 1997~ at Arizona-Sonora Desert Museum, Tucson, Arizona; explored in Peru 1981, Ecuador 1994 & Mex; hybridizer of Echinopsis & Adeniums; CSSA Friend award 1999 & Fellow 2005;

Book [1992] *Cactus Flowers* [w TA Wiewandt] Tucson, Arizona; Eng; 52p,

[2008] *A Desert Illuminated: Cactus Flowers of the Sonoran Desert* [w J Alcock, J Janovy & D Yetman] Tucson, Arizona; Eng; 111p w color photos,

[2009] *Adenium: Sculptural Elegance, Floral Extravagance* [w GE Joseph & DA Palzkill] Tucson; Eng; 156p w 490 color photos,

[2010] *Desert Gardens: A Photographic Tour of the Arizona-Sonora Desert Museum* [w R Brusca & GM Montgomery] Brentwood, Tennessee; Eng; 176p;

transfer species:

“*Ferocactus covillei*” (NL Britton & JN Rose 1922) —> ***Ferocactus emoryi* ssp *covillei*** [w DR Hunt] 2005.

Dinger, (Dr) Blaine E; US; PhD at Arizona State Univ, Tempe, Arizona 1971;

Book [1971] *Comparative Physiological Ecology of the Genus Echinocereus (Cactaceae) in the Pinaleno Mts, Arizona*; 160p; (PhD thesis).

Dinklage, Werner; Ger head gardener of succ at Heidelberg Univ Bot Garden, Ger;

species nah:

(*Kalanchoe*) **dinklagei** (Mada) (desc & nah by WHH Rauh 1985).



† **Dinter**, [née Schilde,] Helena **Jutta** (11 May 1871–2 May 1949); collected w spouse; spouse M Dinter;

genus nah:

Juttadinteria (Namibia, Cape) (desc & nah by MHG Schwantes 1926);

species nah:

(*Adromischus*) **juttae** (Namibia) (desc & nah by JKL von Poellnitz 1939) —> ***Adromischus schuldtianus*** ssp **juttae** by HR Tolken 1978,

(*Cissus*) **juttae** (Namibia) (desc & nah by EF Gilg & M Brandt 1912) —> ***Cyphostemma juttae*** by BM Descoings 1967,

(*Euphorbia*) **juttae** (Great Namaq) (desc & nah by MK Dinter 1914),

(*Mesemb*) **juttae** (Great Namaq) desc & nah by MK Dinter & A Berger 1914) —> ***Synaptophyllum juttae*** by NE Brown 1928;

disc species:

(*Hoodia*) **juttae** (Namibia) 1913 (desc & nah by MK Dinter 1914),

(*Mesemb*) **karasmontanum** (Namibia) 1913 (desc by MK Dinter & MHG Schwantes 1920) —> ***Lithops karasmontana*** by E Brown 1926,

(*Stapelia*) **dinteri** (Namibia) 1913 (desc by A Berger 1914 & na MK Dinter).



† **Dinter**, (Prof) Moritz **Kurt** [Curt, Karl] (10 Jun 1868–16 Dec 1945); {Dinter, Dint. or Dtr.};

Ger botanist; curator for (Sir) Thomas Hanbury's garden (founded 1867) at La Mortola, Italy

1894–97; to Namibia 1897; government botanist in Namibia 1900–05; explored & collected in

Namibia 1900–05, 1922, 1923–25 & 1933–35; known as the “Father of Botany of Namibia”; sent

seeds, bulbs & succ plants to Haage & Schmidt firm in Erfurt, Ger; herbarium specimens to H Schinz in Zurich, Switzerland & to HGA Engler in Berlin-Dahlem, Ger; pioneer discoverer of stemless mesembs; made over 8,400 herbarium specimens; journal *Dinteria* nah 1968; spouse HJ Dinter;

Book [1897] *Alphabetical Catalogue of Plants at La Mortola (Italy)* Genoa, Italy; Eng; 465p,

[1909] *Deutsch-Südwest-Afrika: Flora, Forst-und Land-Wirtschaftliche Fragmente* = “German Southwest Africa: Flora, Forestry & Land Management Fragments” Leipzig; Ger; Ger; 191p,

[1914] *Neue und Wenig Bekannte Pflanzen Deutsch-Südwest Afrikas (Unter Besonderer Berücksichtigung der Sukkulanten)* = “On new & little known succ found in SW Africa” Okahandja; Ger; 62p + 32 leaves of plates

[1918] *Botanische Reisen in Deutsch-Südwest-Afrikas* = “Botanical Traveling in German Southwest Africa” Posen, Ger; Ger; 170p,

[1923] *Beitragre Zur Flora Sud-West Afrikas* = “Contributions to the Flora of South-West Africa”; Ger,

[1923–28] *Sukkulantenforschung in Südwest-Afrika* = “Succ Research in Southwest Africa” Berlin-Dahlem, Ger; Ger;

[1923] *Part 1*, 80p;

[1928] *Part II*, 145p,

[1928] *Sudwestafrikanische Lithopsarten* [w R Graessner] Wittenberge, Ger; Ger; 24p;

genus nah:

Dinteranthus (desc & nah by MHG Schwantes 1926);

desc genera:

Astridia [w MHG Schwantes] (Namaq) 1927 (na Astrid Schwantes),

Callistigma [w MHG Schwantes] 1928 (syn of Mesemb LINNAEUS),

Chasmatophyllum [w MHG Schwantes] (Namibia, Cape, North-West, Free State into Mpumalanga) 1927,

Dracophilus [w MHG Schwantes] (Namaq) 1927,

Ebracteola [w MHG Schwantes] (Namaq, North-West) 1927,

Halenbergia (Namibia) 1937,

Hereroa [w MHG Schwantes] (Namibia, RSA, Lesotho) 1927,

Hymenocyclus [w MHG Schwantes] 1927,

Namibia [w MHG Schwantes] (Namibia) 1927,

Ophthalmophyllum [w MHG Schwantes] (Namaq, Namibia) 1927,

Psammophora [w MHG Schwantes] (Namaq) 1926,

Sarcophagophilus (Namibia) 1923 (syn of Caralluma R BROWN),

Schwantesia (Namaq) 1927 (na MHG Schwantes),

Stoeberia [w MHG Schwantes] (Namaq, Western Cape) 1927 (na E Stoeber);

species nah:

(Aizoon) **dinteri** (Namibia) (desc & nah by H Schinz 1898) —> **Aizoanthemum dinteri** by CH Friedrich 1957,

(Anacampseros) **dinteri** (Namibia) (desc & nah by H Schinz 1901) —> **Avonia dinteri** by GD Rowley 1994,

(Ceropegia) **dinteri** (Namibia) (desc & nah by FRR Schlechter 1913),

(Commiphora) **dinteri** (Namibia) (desc & nah by HGA Engler 1910),

(Cotyledon) **dinteri** (Great Namaq) (desc & nah by EG Baker 1937),

(Lithops) **dinteri** (Namaq) (desc & nah by MHG Schwantes 1927 & disc by EJ Rusch 1926),

(Mesemb) **dinteri** (Namaq, Western Cape) (desc & nah by HGA Engler 1909) —> **Psilocaulon dinteri** by MHG Schwantes 1928,

(Plectranthus) **dinteri** (Namibia) (desc & nah by JI Briquet 1903);

disc species:

(Aloe) **dinteri** (Namibia) 1912 (desc & nah by A Berger 1914),

(Brachystelma) **cupulatum** (Limpopo, Northern Cape) (desc by RA Dyer 1971),

(Brachystelma) **dinteri** (Botswana, Zimbabwe, North-West, Namibia) (desc & nah by FRR Schlechter 1913),

(Cotyledon) **montium-klingshardtii** (Northern Cape) 1923 —> **Adromischus montium-klingshardtii** by A Berger 1930,

(Mesemb) **pseudotruncatellum** (Namibia) 1897 (desc by A Berger 1908) —> **Lithops pseudotruncatella** by NE Brown 1922,

(Mesemb) **taylorianum** (Namibia) 1922 (desc by MK Dinter & MHG Schwantes 1925 & na E Taylor)

—> **Conophytum taylorianum** by NE Brown 1926,

(Portulaca) **collina** (Namibia, Zimbabwe, Northern Prov) 1923,

(Siphonostelma) **stenophyllum** (Namibia, Limpopo, North-West) (desc by FRR Schlechter 1913)

—> **Brachystelma stenophyllum** by RA Dyer 1971,

(Stapelia) **albocastanea** (Namibia) 1911 (desc by HWR Marloth 1913) —> **Orbea albocastanea** by

PV Bruyns 2001,
 (Trichocaulon) **dinteri** (Namibia) ≈1906 (desc & nah by A Berger 1910) —> **Larryleachia dinteri** by
 DCH Plowes 1996,
 (Trichocaulon) **marlothii** (Namibia, Northern Cape) 1897 (desc by NE Brown 1909 & na HWR Marloth)
 —> **Larryleachia marlothii** by DCH Plowes 1996;
desc species:
 (Aloe) **ausana** (Great Namaq) 1928,
 (Aloe) **pachygaster** (Namibia) 1924 (disc by MK Dinter),
 (Anacampseros) **baeseckeii** (Namibia, Northern Cape) 1919 (na ? Baesecke),
 (Anacampseros) **karasmontana** (Namibia, Northern Cape) 1919,
 (Anacampseros) **ruschii** [w JKL von Poellnitz] (Namaq) 1929 (na EJ Rusch) —> **Avonia ruschii** by
 GD Rowley 1994,
 (Astridia) **velutina** (Namibia) 1927,
 (Bulbine) **rhopalophylla** (Northern Cape, Namibia) 1931,
 (Bulbine) **tetraphylla** (Namibia) 1931,
 (Callistigma) **inachabense** [w MHG Schwantes] 1928
 (Caralluma) **rangeana** [w A Berger] (Namibia) 1914 (disc by MK Dinter 1913) —> **Orbea maculata** ssp
rangeana by PV Bruyns 2001,
 (Caralluma) **wilfriedi** (Namibia) 1923 (na his “Sammel-bambuse” Wilfried),
 (Chortolirion) **bergerianum** (Namibia) 1914 (na A Berger),
 (Cotyledon) **rubrovenosa** (Namibia, Northern Cape) 1932 (disc by him) —> **Tylecodon rubrovenosus** by
 HR Tolken 1978,
 (Cotyledon) **schaeferiana** (Namibia, Northern Cape) 1923 (disc by him & na F Schafer) —> **Tylecodon**
schaeferianus by HR Tolken 1978,
 (Crassula) **mesembrianthemopsis** (Namaq) 1923,
 (Crassula) **tabularis** (Namibia, Northern Cape, Eastern Cape, Free State) 1923,
 (Echidnopsis) **atlantica** (Namibia) 1932 (disc by him 1922),
 (Euphorbia) **avasmontana** (Namibia, Northern Cape) 1928 (disc by him 1924),
 (Euphorbia) **friedrichiae** (Namibia) 1914 (disc by M Friedrich 1913 & nah),
 (Euphorbia) **juttae** (Great Namaq) 1914 (na Jutta Dinter),
 (Euphorbia) **volkmanniae** (Namibia) 1928 (disc by him c1926 & na M Volkmann),
 (Gasteria) **ernesti-ruschii** [w JKL von Poellnitz] (Namaq) 1938 (na Ernst J Rusch) —> **Gasteria pillansii**
 var **ernesti-ruschii** by EJ van Jaarsveld 1992,
 (Haworthia) **engleri** (Namaq) 1914 (disc by HGA Engler 1913 & nah) —> **Haworthia tessellata** var
engleri by JKL von Poellnitz 1938,
 (Hoodia) **juttae** (Namibia) 1914 (disc by Jutta Dinter 1913 & nah),
 (Hoodia) **macrantha** (Namibia) 1914
 (Hoodia) **ruschii** (Namibia) 1932 (disc by EFT Rusch, Jr 1931 & nah),
 (Hoodia) **similis** (Namibia) 1928 (disc by him 1924),
 (Lithops) **gracilidelineata** (Namibia) 1928 (disc by EJ Rusch 1927),
 (Lithops) **schwantesii** (Namibia) 1928 (disc by EJ Rusch 1926 & na MHG Schwantes),
 (Mesemb) **angelicae** [w MHG Schwantes] (Namaq) 1925 (disc by MK Dinter 1922 & na Angelika Rusch)
 —> **Conophytum angelicae** by NE Brown 1925,
 (Mesemb) **axthelmianum** (Namibia) 1923 —> **Ruschia axthelmiana** by MHG Schwantes 1926,
 (Mesemb) **beetzii** (Namaq) 1923 (na ? Beetz) —> **Stoeberia beetzii** by MK Dinter & MHG Schwantes
 1927,
 (Mesemb) **bergerianum** 1914 (na A Berger),

(Mesemb) **caroli-schmidtii** [w A Berger] (Great Namaq) 1914 (na K Schmidt) —> **Cheiridopsis caroli-schmidtii** by NE Brown 1926,
 (Mesemb) **clausum** (Namibia) 1923 (disc by him) —> **Eberlanzia clausa** by MHG Schwantes 1926,
 (Mesemb) **confusum** (Namibia) 1923 —> **Cephalophyllum confusum** by MK Dinter & MHG Schwantes 1928,
 (Mesemb) **delaetianum** (Great Namaq) 1923 (na F de Laet) —> **Dracophilus delaetianum** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **derenbergianum** (Namaq) 1923 (na J Derenberg) —> **Ebracteola derenberiana** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **dolomiticum** (Great Namaq) 1923 —> **Antimima dolomitica** by HEK Hartmann 1998,
 (Mesemb) **eberlanzii** [w MHG Schwantes] (Namibia) 1925 (disc by FG Eberlanz c1923 & nah)
 —> **Lithops karasmontana** ssp **eberlanzii** by DT Cole 1988,
 (Mesemb) **eendornense** (Namibia) 1928 —> **Antimima eendornensis** by HEK Hartmann 1998,
 (Mesemb) **elizae** [w A Berger] (Great Namaq) 1914 —> **Juttadinteria elizae** by HML Bolus 1928,
 (Mesemb) **englerianum** [w A Berger] 1914 (na HGA Engler) —> **Malephora engleriana** by MK Dinter & MHG Schwantes 1928,
 (Mesemb) **francisci** [w MHG Schwantes] (Namibia) 1925 (disc by MK Dinter 1922 & na Frantz de Laet)
 —> **Lithops francisci** by NE Brown 1926,
 (Mesemb) **friedrichiae** (Namaq) 1914 (disc by M Friedrich & nah) —> **Conophytum friedrichiae** by MHG Schwantes 1925,
 (Mesemb) **gariusanum** (Namaq) 1928,
 (Mesemb) **gessertianum** [w A Berger] (Namibia) 1923 (na ? Gessert) —> **Psilocaulon gessertianum** by MK Dinter & MHG Schwantes 1928,
 (Mesemb) **gigas** (Namaq) 1923 —> **Ruschianthemum gigas** by CH Friedrich 1960,
 (Mesemb) **halenbergense** [w MHG Schwantes] (Namibia) 1925 —> **Conophytum halenbergense** by NE Brown 1926,
 (Mesemb) **hesperanthum** [w A Berger] (Great Namaq) 1914 & —> **Hereroa hesperantha** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **hoerleinianum** (Great Namaland) 1923 —> **Lampranthus hoerleinianus** by CH Friedrich 1960,
 (Mesemb) **hypertrophicum** (Namaq) 1923,
 (Mesemb) **inexpectatum** (Great Namaland) —> **Dinteranthus inexpectatus** by MHG Schwantes 1926,
 (Mesemb) **julii** [w MHG Schwantes] (Namaq) 1925 (disc by MK Dinter 1924 & na Julius Derenberg)
 —> **Lithops julii** by NE Brown 1926,
 (Mesemb) **juttae** [w A Berger] (Great Namaq) 1914 (na H Jutta Dinter) —> **Synaptophyllum juttae** by NE Brown 1928,
 (Mesemb) **karasmontanum** [w MHG Schwantes] (Namibia) 1920 (disc by HJ Dinter 1913) —> **Lithops karasmontana** by NE Brown 1926,
 (Mesemb) **klingshardtianum** (Great Namaq) 1923 —> **Delosperma klingshardtianum** by MK Dinter & MHG Schwantes 1928,
 (Mesemb) **kovisimontanum** (Great Namaland) 1923 —> **Juttadinteria kovisimontana** by MHG Schwantes 1926,
 (Mesemb) **microspermum** [w J Derenberg] (Great Namaland) 1926 —> **Dinteranthus microspermus** by MHG Schwantes 1927,
 (Mesemb) **modestum** [w A Berger] (Namaq) 1914 —> **Psammophora modesta** by MK Dinter & MHG Schwantes 1926,
 (Mesemb) **montis-draconis** (Great Namaland) 1923 —> **Dracophilus montis-draconis** by

MHG Schwantes 1927,
 (Mesemb) **montis-moltkei** (Namibia) 1922 —> **Ebracteola montis-moltkei** by MK Dinter &

MHG Schwantes 1927,
 (Mesemb) **mucronulatum** (Great Namaq) 1914 —> **Psilocaulon mucronulatum** by NE Brown 1928,
 (Mesemb) **nissenii** (Namibia) 1923 (na ? Nissen) —> **Psammophora nissenii** by MK Dinter &

MHG Schwantes 1926,
 (Mesemb) **otzenianum** (Namaq) 1923 (na M Otzen) —> **Lampranthus otzenianus** by CH Friedrich 1960),
 (Mesemb) **pauper** (Great Namaland) 1923 —> **Drosanthemum pauper** by MK Dinter &

MHG Schwantes 1927,
 (Mesemb) **pomoniae** (Namibia) 1923 —> **Namibia pomoniae** by MM Walgate 1939,
 (Mesemb) **puttkamerianum** [w A Berger] (Great Namaq) 1914 & —> **Hereroa puttkameriana** by MK Dinter & MHG Schwantes 1927,
 (Mesemb) **quarziticum** (Namibia) 1923 —> **Antimima quarzitica** by HEK Hartmann 1998,
 (Mesemb) **rupis-arcuatae** (Great Namaland) 1923 —> **Amphibolia rupis-arcuatae** by HEK Hartmann 1996,
 (Mesemb) **ruschiorum** [w MHG Schwantes] (Great Namaq) 1925 (disc by EJ Rusch 1923 & na EJ Rusch & his family) —> **Lithops ruschiorum** by NE Brown 1926,
 (Mesemb) **schwantesii** (Namibia) 1916 (disc by ? Baeseke 1913) —> **Titanopsis schwantesii** by MHG Schwantes 1926,
 (Mesemb) **sedoides** [w A Berger] (Namaq) 1914 —> **Eberlanzia sedoides** by MHG Schwantes 1926,
 (Mesemb) **simpsonii** (Great Namaland) 1923 (na ? Simpson) —> **Juttadinteria simpsonii** by MHG Schwantes 1926,
 (Mesemb) **suavissimum** (Great Namaland) 1923 —> **Juttadinteria suavissima** by MHG Schwantes 1926,
 (Mesemb) **succumbens** (Great Namaq) 1927 (disc by him 1924) —> **Schwantesia succumbens** by MK Dinter 1933,
 (Mesemb) **vallis-mariae** [w MHG Schwantes] (Namibia) 1925 (disc by M Beetz 1923) —> **Lithops vallis-mariae** by NE Brown 1926,
 (Mesemb) **vulvaria** (Namibia) 1914 —> **Ruschia vulvaria** by MHG Schwantes 1926,
 (Mesemb) **weigangianum** (Great Namaq) 1923 (na ? Weigang) —> **Leipoldtia weigangiana** by MK Dinter & MHG Schwantes 1937,
 (Moringa) **ovalifolia** [w A Berger] (Angola, Namibia) 1914,
 (Othonna) **protecta** (Great Namaqualand) 1923,
 (Pelargonium) **mirabile** (Namibia) 1914,
 (Plectranthus) **neglectus** (Angola, Namibia, Botswana, Zimbabwe, Limpopo) 1926 —> **Aeollanthus neglectus** by GOE Launert 1957,
 (Psilocaulon) **puberulum** 1931,
 (Ruschia) **buchubergensis** 1930 —> **Antimima buchubergensis** by HEK Hartmann 1998,
 (Ruschia) **sabulicola** (Namibia) 1932,
 (Sarcophagophilus) **winkleri** (SW Africa) 1923 (disc by him 1922 & na HKA Winkler) —> **Caralluma winkleri** by AC White & BL Sloane 1937,
 (Schwantesia) **ruedebuschii** (Namaq) 1927 (na ? Ruedebusch),
 (Senecio) **herreanus** (Great Namaq) 1932 (na H Herre),
 (Sphalmanthus) **melanospermus** [w MHG Schwantes] (Namaq) 1929 —> **Phyllobolus melanospermus** by M Gerbaulet 1997,

(Stapelia) **bergeriana** (Namibia) 1914 (disc by him 1912 & na A Berger) —> **Stapelia schinzii** var **bergeriana** by LC Leach 1985,
 (Stapelia) **pachyrrhiza** (Namibia, Northern Cape, North-West) 1923 (disc by him 1922) —> **Tridentea pachyrrhiza** by LC Leach 1980,
 (Talinum) **crispatum** (Namibia, Northern Cape, Northern Prov) 1927,
 (Talinum) **tenuissimum** (Namibia, RSA, Mozambique, Zimbabwe, Zambia, Tanzania) 1914,
 (Trichocaulon) **delaetianum** (Namibia) 1923 (disc by him 1922 & na F de Laet) —> **Hoodia officinalis** ssp **delaetiana** by PV Bruyns 1993,
 (Trichocaulon) **engleri** (Namibia, Cape) 1914 (disc by HGA Engler c1910 & nah),
 (Trichocaulon) **halenbergense** (Namibia, Great Namaq) 1931 (disc by him 1929 & na locality Halenberg),
 (Trichocaulon) **karasmontanum** (Namibia) 1927,
 (Trichocaulon) **keetmanshoopense** (Namibia, Cape) 1914 (disc by him 1910),
 (Trichocaulon) **perlatum** (Namibia, Northern Cape) 1923 (disc by him 1922) —> **Larryleachia perlata** by DCH Plowes 1996,
 (Trichocaulon) **pubiflorum** (Namibia, Great Namaland) 1932 (disc by him 1924),
 (Trichocaulon) **sinus-lüderitzii** (Namibia) 1914 (disc by him 1897);

transfer species:

“Mesemb cinereum” (HWR Marloth 1910) —> **Namibia cinerea** [w MHG Schwantes] 1927,
 “Mesemb confusum” (MK Dinter 1923) —> **Cephalophyllum confusum** [w MHG Schwantes] 1928,
 “Mesemb derenbergianum” (MK Dinter 1923) —> **Ebracteoladerenbergiana** [w MHG Schwantes] 1927,
 “Mesemb ebracteatum” (FRR Schlechter & FLE Diels 1907) —> **Cephalophyllum ebracteatum** [w MHG Schwantes] 1928,
 “Mesemb englerianum” (MK Dinter & A Berger 1914) —> **Malephora engleriana** [w MHG Schwantes] 1928,
 “Mesemb glareosum” (A Berger 1922) —> **Psilocaulon glareosum** [w MHG Schwantes] 1928,
 “Mesemb granulatum” (NE Brown) —> **Hereroa granulata** [w MHG Schwantes] 1927,
 “Mesemb hesperanthum” (MK Dinter & A Berger 1914) —> **Hereroa hesperantha** [w MHG Schwantes] 1927,
 “Mesemb montis-moltkei” (MK Dinter 1922) —> **Ebracteola montis-moltkei** [w MHG Schwantes] 1927,
 “Mesemb musculinum” (AH Haworth 1826) —> **Chasmatophyllum musculinum** [w MHG Schwantes] 1927,
 “Mesemb nissenii” (MK Dinter 1923) —> **Psammophora nissenii** [w MHG Schwantes] 1926,
 “Mesemb pauper” (MK Dinter 1923) —> **Drosanthemum pauper** [w MHG Schwantes] 1927,
 “Mesemb ponderosum” (MHG Schwantes 1926) —> **Namibia ponderosa** [w MHG Schwantes] 1935,
 “Mesemb puttkamerianum” (MK Dinter & A Berger 1914) —> **Hereroa puttkameriana** [w MHG Schwantes] 1927,
 “Mesemb rehnelianum” (A Berger 1908) —> **Hereroa rehneliana** [w MHG Schwantes] 1927;

disc variety:

(Euphorbia mauritanica var) **corallothamnus** (Namaq) 1930 (desc by BL Sloane, AC White & RA Dyer 1941),
 (Euphorbia mauritanica var) **foetens** (Great Namaq) 1929 (desc by BL Sloane, AC White & RA Dyer 1941).

Dioli, Isabella (1999–); parents M Dioli & BM Ulveseter;

species nah:

(Kleinia) **isabellae** (Ethiopia) (desc & nah by M Dioli & T Mesfin 2000).

Dioli, (Dr) Maurizio (1955–); {Dioli}; Italian veterinarian; Doctor of Veterinary Medicine at London Univ 2002; working in livestock disease prevention & animal health improvement programs in war areas & during emergencies; specialist in the one-humped camel (domedary) in Eastern Africa; also interested in zoology; Doctor of Veterinary Medicine at Royal Veterinary College, Univ of London, UK 2002; worked and explored in Kenya, Somalia, Ethiopia, Eritrea, Uganda, Namibia, Cambodia, Vietnam, Tanzania, Algeria, Gabon; spouse BM Ulveseter;

species nah:

(Aloe) **diolii** (Sudan) (desc & nah by LE Newton 1995 & disc by JGL Powys 1986);

desc species:

(Aloe) **bertemariae** [w Sebsebe Demissew] (Ethiopia) 2005 (disc by M Dioli 2000 & na Berte Marie Ulveseter),

(Aloe) **elkerriana** [w TA McCoy] (Ethiopia) 2007 (disc by M Dioli 2000),

(Aloe) **ikiorum** [w JGL Powys] (Uganda) 2011 disc by them 2006),

(Echidnopsis) **uraiqatiana** (Eritrea) 2007 (disc by him 2004),

(Euphorbia) **ammophila** [w S Carter] (Somalia) 2005 (disc by MI Thulin 2000),

(Kleinia) **isabellae** [w T Mesfin] (Ethiopia) 2000 (na Isabella Dioli),

(Pseudolithos) **gigas** (Ethiopia) 2002 (disc by M Gilbert 1972),

(Pseudolithos) **harardheranus** (Somalia) 2002.



† **Dioscorides**, [Dioskurides,] (Dr med) Pedanius (c40–c90AD); Cilician-Greek physician, pharmacologist & herbalist from Anajarb; traveled as army surgeon w Roman legions in Greece, Italy, Gaul, Spain, Asia Minor & N Africa c70AD which gave him the time in his travels to study plants for medicinal uses; known as the ‘father of herbalism’;

Book [c77AD] *De Materia Medica* = "On Medical Matters"; Greek; in 5 vols; desc some 600 plants & some 1,000 simple drugs; source book on plant lore for 15 centuries; included 8 succ; ‘Euphorbia resinifera’, Sempervivums & ‘Aloe barbadensis’ mentioned as healing agents; Aeonium arboreum illustrated; numerous translated copies made over the yrs; translated into Eng by John Goodyear 1655; latest Eng version ‘Dioscorides de Materia Medica’ by Osbaldaston & Wood 2000;

genus nah:

Dioscorea (Africa, Mex) (desc & nah by C Linnaeus 1753);

species nah:

(Caralluma) **dioscoridis** (Soqotra) (desc & nah by JJ Lavranos 1971 & disc by him & A Radcliff-Smith 1967) —> **Duvaliandra dioscoridis** by MG Gilbert 1980.

d’Isnard, - See Isnard, A-TD d’.

† **Disrud**, (Prof) (Dr) Dennis Theodore (1937–1997); US; prof of biology at Minot State Univ, Bottineau, N Dakota; pres of N Dakota Natural Science Soc;

Book [1965] *A Survey: The Phylogeny of the Cactaceae* Minneapolis, Minnesota; Eng; 31p,

[1968] *A Survey: The Geographical Distribution of the Tribe Pereskiae (Cactaceae)* Fargo, N Dakota; Eng; 16p.



Distefano, (Prof) Concetto (fl. 1956); {Distefano}; Italian; secretary of ministry of education; IOS member 1953;

desc genus:

Cullmannia 1956 (na W Cullmann) (syn of Peniocereus B&R).



† **Dixon**, (Prof) Henry Horatio (19 May 1869–20 Dec 1953); Irish plant physiologist & botanist; BSc in natural science at Trinity College Dublin, Ireland 1891; prof at Trinity College Dublin 1904–1949; founded school of botany at Trinity College Dublin 1907 & herbarium in 1910; specialized in tree transpiration; FRS 1908;

species nah:

(Kalanchoe) **dixoniana** (Thailand) (desc & nah by Raymond-Hamet 1914 & disc by AFG Kerr).

Dixon, Roger D; US geologist friend of SA Hammer;

Book [1997] *List of Southern African Succ Plants* [w EJ van Jaarsveld, TH Arnold, FE Steffens, GF Smith, JA Retief] Pretoria; Eng; 175p; (editors of).

disc species:

(Conophytum) **phoeniceum** (Cape) 1991 (desc by SA Hammer 1993).

Djakonov, VM;

Book [1953] *Kaktusy I ich Kultura v. Komnatnych Uslovijach* [w N Kurnakov] Leningrad, Russia; Russian; 65p.

Doak, (Dr med) Edmond K (1909–2000); US physician in Houston, Texas; MD at Amer College of Physicians 1934;

Book [1979] *Regarding Crassulas* Houston, Texas; Eng; 25p.

† **Dobie**, (Mrs) E; Rustenburg, Transvaal;

disc species:

(Frithia) **pulchra** (Gauteng) (desc by NE Brown 1926).

Dobrota, Petri; Romanian horticulturist; interested in cacti ≈1980;

Book [1973] *Cactusii* București, Romania; Romanian; 144p w 16 color plates.

† **Dodd**, Alan Parkhurst (8 Jan 1896–3 Jul 1981); Australian entomologist; entomologist at commonwealth prickly pear board 1921–39; dir of biological section, Queensland Dept of Lands 1939–62;

Book [1927] *The Biological Control of Prickly Pear in Australia* Melbourne, Australia; Eng; 44p,

[1927] *The Progress of Biological Control of Prickly-pear in Australia* Brisbane, Australia; Eng; 44p,

[1940] *The Biological Campaign against Prickly-pear* Brisbane; Eng; 177p.

† **Dodd**, [née Clark] Willie Josephine (17 Aug 1858 –1 Jun 1945); US to Britain; member of California Botanical Club; first spouse John George Smith (–6 Dec 1890); second spouse Roderick Finlayson Dodd (–22 May 1941);

disc species:

(Lewisia) **disepala** (Calif) 1891 (desc by PA Rydberg 1932).



Dodds, Anthony & Maria (-2021); Kenya;

disc species:

(Aloe) **doddiorum** (Kenya) 2001 (desc & na them by TA McCoy & JJ Lavranos 2007),

(Aloe) **tartarensis** [w TA McCoy] (Kenya) 2002 (desc by TA McCoy & JJ Lavranos 2007).

† **Dodge**, Charles Richard (1847–1918); US chief agent at office of Fiber Investigations, USDA 1889–1898;
Book [1897] *A Descriptive Catalogue of Useful Fiber Plants of the world, including the Structural & Economic Classifications of Fibers* DC; Eng; 362p; (includes articles on agaves, sansevierias & yuccas).

† **Dodge**, Natt Noyes (23 Aug 1900–Dec 1982); US naturalist for US National Park Service; spouse Mildred Nellie [née Johnson] Dodge (1899–);

Book [1957] *Saguaro Natl Monument* DC; Eng; 64p,
[1958] *Flowers of the Southwest Deserts* Phoenix, Arizona; 112p,
[1963] *100 Desert Wildflowers in Natural Color*; Eng; 68p,
[1964] *Organ Pipe Cactus Natl Monument* DC; Eng; 91p,
[1980] *Flowers of the Southwest Deserts* Santa Fe, New Mex; Eng; 146p.

Dodoens, Rembert — See **Dodonaeus**, Rembertus.



† **Dodonaeus**, [Dodoens, Dodonée,] (Dr med) Rembertus [Rembert]
(29 Jun 1518–10 Mar 1585); {Dodoens}; [earlier name for him was Rembert van Joenckema]; Dutch physician & herbalist; MD at Univ of Louvain 1535; court physician to Holy Roman emperor, Maximilian II 1574 & his successor Rudolf II at Vienna, Austria; medical lecturer at Leiden Univ, Netherlands 1582~; interested in medical aspect of botany; was in contact w C Clusius & M de l'Obel;
Book [1554] *Herball Kruydeboek [Cruydeboek]* Antwerp, Belgium; Flemish; 20p plus 715 woodcuts of plants; (later editions 1563, 1608, 1618, 1644); translated into French by C Clusius 1557; translated into Eng by H Lyte 1578,
[1583] *Herball Remberti Dononaei Mechliniensis Medici Caesarei (Stirpium historiae Pemptades Sex Sive Libri XXX)* Antwerp; 860p w 1,309 woodcuts; (second edition 1616 w 872p & 1,341 woodcuts); early woodcuts of *Euphorbia officinarum* & *Senecio anteuphorbium*; (translated into Eng to form basis of J Gerard's *Herbal*).

Dodson, (Dr) Calaway [Cal] Homer (17 Dec 1928–); {Dodson}; US botanist & orchid specialist who resided in Ecuador many years; H Bravo-Hollis mistakenly thought JW Dodson was person that disc plant below;

disc species

(Mamm) **dodsonii** (Oaxaca) 1969 (desc by H Bravo-Hollis 1970 & na JW Dodson) —> **Mamm dehortiana** ssp **dodsonii** by DR Hunt 1997.

Dodson, Carolyn; US;

Book [2012] *Guide to Plants of Northern Chihuahuan Desert* Albuquerque, N Mex; Eng; 194p (w illustrator Robert DeWitt Ivey).



† **Dodson**, (Dr hc) John [Jay] Wm, Jr (24 Nov 1900–14 Apr 1999); US accountant & horticulturist; honorary doctorate in economics from Stanford Univ late 1950s; co-editor w PC Hutchison of *Haworthia Review* 1946–48; worked for optical firm ~1967; curator of succ collection at Univ of Calif Bot Garden, Berkeley, Calif 1967–70; one of founders (& secretary until 1990) of ISI in 1958 [w AE Irving, MW Kimnach & Tom Juul], created for importing, propagating & distributing rare & unusual c&s plants for collectors & to fill scientific needs; IOS member 1963; CSSA Fellow award 1973;
Book [c1960] *An Intro to the Study of the Genus Haworthia*; Eng; 26p,

[1976] *C&OS for Your Home* [w K Meadow] Richmond, Calif; Eng; 155p; (JW Dodson, editor),

[c1979] *An Introduction to the Study of Succ Plants* Orinda, Calif; Eng; 95p,

[1998] *Haworthia Review 1946–1948*; editor; Eng; 98p; (introduction & index by H Mays);

species nah:

(Caralluma) **dodsoniana** (Somalia) (desc & nah by JJ Lavranos 1971 & disc by JJ Lavranos 1969)

—> **Pseudolithos dodsonianus** by PV Bruyns &

U Meve 1995,

(Mamm) **dodsonii** (Oaxaca) (desc by H Bravo-Hollis 1970 & disc by C Dodson 1969) —> **Mamm**

dehertiana ssp **dodsonii** by DR Hunt 1997.

†**Doe**, (Dr) Donald **Brian** (19 Jun 1920–5 May 2005); British archaeological researcher & architect;

PhD at St John's College, Cambridge, Eng 1973; dir of antiquities at Aden, Yemen 1960–67; second spouse

Vanessa Doe;

disc species:

(Aloe) **doei** [w JJ Lavranos] (Yemen) 1962 (desc & nah by JJ Lavranos 1965).

†**Doell**, [Döll, Doll,] Wilhelm; Ger surveyor in Santiago, Chile; collected w RA Philippi in Atacama Desert;

species nah:

(Peperomia) **doellii** (Chile) (desc & nah by RA Philippi 1860).

†**Doelz**, [Dölz, Dolz,] Bruno (1906–Apr 1945); Ger lawyer; pres of Deutsche Kakteen-Gesellschaft 1941~;

pecies nah:

(Morawetzia) **doelziana** (Peru) (desc & nah by C Backeberg 1936) —> **Oreocereus doelzianus** by J Borg 1937.

Dold, Anthony [**Tony**] Patrick (1965–); {A.P.Dold}; RSA botanist; MSc in botany 2002; botanist & assistant

curator at Selmar Schonland Herbarium, Rhodes Univ Bot Dept & Albany Museum, Grahamstown, RSA

1994–2002, curator 2003~; interested in plant taxonomy, ethnobotany, botanical exploration; collected in

s & tropical Africa;

disc species:

(Haworthia cooperi var) **doldii** (Cape Province) (desc & nah by MB Bayer 2002),

(Orbea) **doldii** (Cape Prov) (desc& nah by DCH Plowes 2002);

desc species:

(Bergeranthus) **albomarginatus** [w SA Hammer] (Eastern Cape) 2005 (disc by AP Dold 1999),

(Bergeranthus) **nanus** [w SA Hammer] (Eastern Cape) 2005 (disc by J Bowie 1820),

(Ceropegia) **macmasteri** (Eastern Cape) 2006 (na C McMaster),

(Drimia) **acarophylla** [w E Brink] (Eastern Cape) 2003 (disc by E Brink 1978);

transfer species:

“Ectotropis alpina” (NE Brown 1927) —> **Delosperma alpinum** [w SA Hammer] 2003.

Dolezal, Helmut;

Book [1974] *Friedrich Welwitsch Vida e Obra* Lisbon, Portugal; Portuguese; 249p.

†**Dolley**, Charles Summer;

Book [1913] *Notes of Magueys & Maguey-sap or Aguamiel, a Therapeutic Agent of High Value* London, Eng;

Eng; 18p.

Domico, Terry; US photographer;

Book [1996] *Brittle Prickly-pear Cactus (Opuntia fragilis) in the San Juan Islands & Puget Sound Region of Washington State*.



† **Domin**, Karel (4 May 1882–10 Jun 1953); {Domin}; Czech Rep botanist; prof of botanics at Charles Univ, Prague, Czech Rep 1916~; specialist in phytogeography, geobotanics & plant taxonomy; collected in Australia & Java 1909–10;

desc species:

(Cissus) **reniformis** (Australia) 1912,

(Pelargonium) **havlasae** (Western Australia) 1921 (na E Havlasa).

Domingues, O;

Book [1963] *Origem e introducao de palma forrageira no nordeste (Opuntia)* Recife, Brazil; 73p.

Dommelen, J van;

Book [1974] *100 Cactussen en Vetplanten Voor de Vensterbank* Amsterdam, Netherlands; Dutch; 111p.

† **Don**, David (21 Dec 1799–8 Dec 1841); {D.Don}; British botanist; librarian for AB Lambert; librarian at Linnean Soc of London 1822~ & Fellow ____; prof of botany at King's College, London 1826~; brother G Don, Jr & father George Don, Sr (1764–1814), a Scottish nurseryman;

desc genera:

Chirita (Himalaya to China, India, Sri Lanka, Malesia, Indonesia, Indochina) 1822;

Cyanotis (tropics of Africa & Asia) 1825;

desc species:

(Euphorbia) **fusiformis** (India, Nepal) 1825 (disc by F Buchanan),

(Hoya) **lanceolata** (India, Bhutan, Myanmar, Nepal) 1825,

(Hoya) **linearis** (India, Yunnan, Nepal) 1825,

(Polyachyrus) **multifidus** (Chile) 1832 —> **Polyachyrus poeppigii** var **multifidus** by M Ricardi & E Woldt 1974,

(Sedum) **himalense** (Nepal, Sikkim, Bhutan, Tibet, China) 1825 —> **Rhodiola himalensis** by SH Fu 1965.

† **Don**, George, Jr (17 May 1798–25 Feb 1856); {G.Don}; British nurseryman, collector & writer; collected in western Africa & S Amer 1821–23; member of Linnean Soc 1828–37 & Fellow 1831; brother D Don & father George Don, Sr (1764–1814), a Scottish nurseryman;

Book [1831–38] *A General System of Gardening & Botany* London, Eng; (in 4 Vols);

[1831] Vol 1; 818p;

[1832] Vol 2; 875p;

[1834] Vol 3; 867p;

[1838] Vol 4; 908p;

(reprint 1834 Cactae section in 1996 w 23p);

desc species:

(Ceropegia) **campanulata** (Ghana, Equatorial Guinea, Ivory Coast, Mali, Nigeria, Togo) 1838,

(Hoya) **latifolia** (Myanmar, Malaysia, Thailand, Borneo, Java, Sumatra) 1838,

(Opuntia) **sulphurea** (Argentina) 1830,

(Passiflora) **penangiana** (Malaysia, Sumatra, India's Nicobar Islands) 1834 —> **Adenia penangiana** by WJ de Wilde 1967,

(Pelargonium) **petroselinifolium** (Western Cape) 1831,

(Sarcostemma) **thunbergii** (Cape Verde Islands, Namibia, Western Cape) 1838 (na CP Thunberg)

—> **Sarcostemma viminalis** ssp **thunbergii** by

SL Liede & U Meve 1993,

(Trianthema) **govindia** (Arabia, Iran, India) 1834 —> **Zaleya govindia** by NC Nair 1966;

transfer species:

“Cereus crenatus” (J Lindley 1844) —> **Epiphyllum crenatum** 1855,

“Dimacria aristata” (R Sweet 1826) —> **Pelargonium aristatum** 1831,

“Geranium tenellum” (HC Andrews 1820) —> **Pelargonium tenellum** 1831,

“Otidia laxa” (R Sweet 1824) —> **Pelargonium laxum** 1831,

“Phyllocactus anguliger” (AC Lemaire 1851) —> **Epiphyllum anguliger** 1855,

“Sperlingia verticillata” (M Vahl 1810) —> **Hoya verticillata** 1837;

desc variety:

(Piaranthus incarnatus var) **alba** (Cape) 1838 —> **Caralluma incarnata** var **alba** by NE Brown 1909.



† **Donald**, John Donald (19 Jan 1923–2 Jan 1996); {Donald}; Eng chemist & horticulturist; BSc in chemistry at Brighton Technical College 1949; lecturer & dean at Brighton Polytechnic, West Sussex, Eng 1951–83; researcher on S Amer genera Weingartia, Sulcorebutia & Rebutia; editor & contributor of journal *Ashingtonia* 1973–80; explored in Peru 1984 & Bolivia 1984, 1986; IOS member 1953, pres 1976–84 & honorary member 1982; NCSS Fellow award 1973; FLS ____; CSSA Fellow award 1985; spouse Beryl Donald;

Book [1953] *A Rebutia Reference & Synonymy* Saltdean, Eng; Eng; 40p,

[1984] *The Classification of the Rebutias* [w AJ Bredero] Laltabre, Calif; Eng; 132p; (reprint from *Ashingtonia* articles);

desc species:

(Borzicactus) **huagalensis** [w AB Lau] (Cajamarca) 1970 (disc by AB Lau 1968) —> **Matucana huagalensis** by R Bregman 1988,

(Borzicactus) **krahnii** (Amazonas A) 1979 (disc by PC Hutchison & W Krahn 1964 & na W Krahn) —> **Matucana krahnii** by R Bregman 1986,

(Borzicactus) **tuberculatus** (La Libertad) 1979 —> **Matucana tuberculata** by R Bregman, A Meerstadt, P Melis & AB Pullen 1987,

(Matucana) **polzii** [w L Diers & E Zecher] (Huanuco) 1986 (na F Polz) —> **Matucana aurantiace** ssp **polzii** by R Mottram 2002,

(Rebutia) **perplexa** (Bolivia) 1980 —> **Rebutia pulvinosa** ssp **perplexa** by ML Hjertson 2003,

(Sulcorebutia) **cylindrica** [w AB Lau] (Cochabamba) 1974 (disc by AB Lau 1970) —> **Rebutia cylindrica** by DR Hunt 1987,

(Uebelmannia) **buiningii** (Minas Gerais) 1968 (disc by L Horst & G Baumhardt 1966 & na AFH Buining), (Weingartia) **purpurea** [w AB Lau] (Cochabamba) 1974 (disc by AB Lau 1970) —> **Rebutia mentosa** ssp **purpurea** by DR Hunt 1997;

transfer species:

“Lobivia ritteri” (W Wessner 1938) —> **Rebutia ritteri** [w AFH Buining] 1963,

“Sulcorebutia mentosa” (F Ritter 1964) —> **Rebutia mentosa** 1987;

desc variety:

(Borzicactus madisoniorum var) **pujupatii** [w AB Lau] (Amazonas A) 1971 (disc by S Pujupat 1969 & nah) —> **Matucana pujupatii** by R Bregman 1988.



Donati, Davide (12 Aug 1975–); {D.Donati}; Italian aquaculturist, naturalist & horticulturist; specialist in Turbinicarpus genus; explored in Mex & Africa;

Book [2005] *Knowing, Understanding, Growing Turbinicarpus—Rapicactus* [w C Zanovello] Trento, Italy; Italian, Ger & Eng editions; 254p w 340 color photos,

[2011] *Epithelantha 2011* [w C Zanovello] Sudtirol, Italy; Eng; 64p w 118 color photos;

desc species:

(Neolloydia) **inexpectata** (Tamaulipas) 2012.

Doni, Carlo (10 Mar 1941–);

Book [1991] *Copiapoa, Il genere* [w M Meregalli]; Italian; 101p; (from Piante Grasse magazine, Vol 11).

† **Donkelaar**, André [Andreas] van (9 Mar 1783–22 Feb 1858); {Donckel.}; Belgian gardener for banker in Antwerp 1803; curator at Ghent Univ Bot Garden; (his son founded a nursery in Werkendam, Netherlands in 1898, known then as '*Cactusekerij H. van Donkelaar*' later changed to '*Blotuin– en Plantentuin van Donkelaar*'); spouse Deurne Donkelaar; great, great grandson R van Donkelaar;

species nah: (Cereus) **donkelaarii** (Campeche, Quintana Roo, Tabasco, Yucatan, Belize) (desc & nah by JMF Salm-Dyck 1845) —> **Selenicereus donkelaarii** by R Bauer 2003.



Donkelaar, Ruurd van; {Donkelaar}; Dutch horticulturist & nurseryman; owner of '*Blotuin– en Plantentuin van Donkelaar*' nursery in Werkendam, Netherlands; specialized in family Asclepiadaceae; IOS member 1993; spouse Jannink [née Deyke] van Donkelaar; great, great grandfather A van Donckelaar;

Book [1993] *Hoya Liefhebbersgids* Werkendam; Dutch; 65p,

[1993] *Epiphytische Cactussen* Werkendam; Dutch; 20p,

[1993] *Mesemb Liefhebbersgids* Werkendam; Dutch; 11p,

[1994] *Blumen und Pflanzengarten van Donkelaar (Fuhrer fur Hoya Freunde)* Werkendam; Dutch; 72p.

† **Donkin**, (Dr) Robin Arthur (28 Oct 1928–1 Feb 2006); British historical geographer & writer; PhD at Durham Univ 1953; lecturer in geography of Latin Amer 1970–90 & reader in historical geography 1990–96 at Jesus College, Cambridge Univ, Eng; explored in Central & S Amer; spouse Jennifer [née Kennedy] Donkin;

Book [1977] *Spanish Red, an Ethnogeographical Study of Cochineal & the Opuntia Cactus* Philadelphia, Pennsylvania; Eng; 84p.

† **Donn**, James (1758–14 Jun 1813); {Donn}; British horticulturist & gardener; pupil of W Aiton at Kew; curator of Cambridge Univ bot garden, Eng 1790~; FLS 1812;

Book [1796] *Hortus Cantabrigiensis* Cambridge, Eng; 115p; catalogue of plants, indigenous & exotic, at Cambridge Univ bot garden w 12 species of Aloe (included Haworthia & Gasteria plants not previously desc); increased to 53 Aloe species in 1812 rev edition of 308p by him; rev by various authors after his death;

[1845] last revised edition of *Hortus Cantabrigiensis*; authors given credit were J Donn, FT Pursch, J Lindley, George Sinclair & PN Don; Aloes were increased to 171 species; London, Eng; 772p.



† **Donnell Smith**, John (5 Jun 1829–2 Dec 1928); {Donn.Sm.}; US biologist, taxonomist, pteridologist, bibliophile & philanthropist; graduate at Yale Univ 1947; botanist at John Hopkins Univ; honorary associate at US Natl Herbarium of Smithsonian Institute 1905~; collected in Central Amer; interested in flora of Central Amer;

disc species:

(Cereus) **glaber** (Guatemala, El Salvador) 1892 (desc by F Eichlam 1910) —> **Weberocereus glaber** by GD Rowley 1982;

desc species:

(Callisia) **grandiflora** (Mex, Belize, Guatemala) 1901 —> **Tripogandra grandiflora** by RE Woodson 1942.



† **Dooner**, (Capt) Hugh Brandon (9 Oct 1876–23 Mar 1935); Australian; to Kenya 1905; safari hunter in Kenya; spouse Bridget [née Pakenham-Walsh] Dooner;

disc species:

(Sansevieria) **dooneri** (Kenya) 1907 (desc & nah by NE Brown 1915).

Dopp, Holger; Ger horticulturist; owner of large cactus collection; IOS member 1997;

Book [1990] *So Pflegt man Kakteen im Zimmer, Gewachshaus und Garten* Berlin, Ger; Ger; 92p,

1992] *Alles über Kakteen* [w U Bauer, M Hartwig, E Kleiner & M Romig] Offenburg; 66p.

“Vermehrung” Augsburg, Ger; 226p w 259 color photos,

[1994] *Kakteen (Die Besten Pflanzen für Sammler und Liebhaber)* Stuttgart, Ger; 132p w 124 color photos,

[2000] *Winterharte Kakteen für drinnen und draussen* = “Winter-hard Kakteen for inside & outside” Munich, Ger,

[2004] *Kakteen & Other Sukkulente*; 256p.

Dore, [Doré,] Jean-François;

Book [2005] *Les Cactées et Succulentes* [w Y-M Allain]; French; 144p.



Dorr, (Dr) Laurence [**Larry**] Joseph (18 Sep 1953–); {Dorr}; US systematic biologist; PhD at Univ of Texas, Austin 1983; curator at Missouri Bot Garden, St. Louis 1983–86; research botanist at NY Bot Garden, NYC 1988–91; associate curator of dept of botany at

Natl Museum of Natural History, Smithsonian Institute 1991~; collected in Mex, Kenya, Gabon, RSA, Mada, Venezuela, Ecuador, Bolivia, Japan & Panama 1981~; spouse (Dr) Lisa Ceryle Barnett (1959–), botanist;

Book [1997] *Plant collectors in Mada and the Comoro Islands* Kew; Eng; 524p.



Dorsch, (Dr med) Ernst **Rudi** (25 Jan 1943–); {Dorsch}; US physician & amateur botanist in Cypress, Texas; specialist in epiphytic cactus; IOS member 1991; collected in s Mex w MW Kimnach 1992;

desc species:

(Epiphyllum) **baueri** (Colombia, Panama) 2003 (disc by R Bauer 1999 & nah).

Dorsing, H;

Book [1985] *Kulturbund der DDR. 20 Jahre Fachgruppe Kakteen/Sukkulente* Magdeburg (Gedanken, Erkenntnisse, Hinweise) [w G Hass, A Gebauer & W Haage] Calbe/Saale; 30p.

† **Dorsten**, [Dorstenius,] (Prof) (Dr med) Theodor [Theodoor, Theoderico, Theodericus, Theodor Gluntz Gluntius, Theodoricus Dorstenius] (1492–18 May 1552); Ger herbalist, botanist & physician; MD at Marburg Univ 1531; prof of medicine at Marburg Univ 1542–48; studied flora of Brazil;

genus nah:

Dorstenia (Tropical Africa, Mada, Greater Antilles, central & s Amer, s Arabian Peninsula, Socotra, Sri Lanka, India) (desc & nah by C Linnaeus 1753 w name credited to C Plumier).



Dortort, Fred; US in Berkeley, Calif; explored in Baja Calif & mainland Mex, RSA, Namibia & sw US;

Book [2011] *Succulent Plants of the World*; Eng; 344p w over 750 color photos.

Dougherty, RL;

Book [1986] *The Soil Water Resources Opuntia polyacantha in Semi Arid Grassland*; 109p.

Douglas, Art;

disc subsp:

(Agave parviflora ssp) **densiflora** [w GD Starr] (Sonora) 1998 (desc by GD Starr & TR van Devender 2011).



† **Douglas**, David (25 Jun 1799–12 Jul 1834); {Douglas}; Scottish gardener & bot explorer & collector; worked w bot garden at Glasgow Univ 1820; collected in US & Canadian east coast 1823, nw US into sw Canada 1824–27 for Royal Horticultural Soc of London, Eng; discovered the famous Douglas Fir tree in nw US; met J Torrey & worked w T Nuttall; also collected in Galapagos Islands 1825 & China; FLS 1828;

species nah:

(Gesneria) **douglasii** (Argentina, Brazil) (desc & nah by J Lindley 1827) —> **Sinningia douglasii** by A Chautems 1990.

Doumoulin, Jan (fl. 1970s); Belgian to RSA; curator at Hester Malan Nature Reserve, RSA;

variety nah:

(Aloe krapohlina var) **dumoulinii** (Northern Cape) (desc & nah by JJ Lavranos 1973).

Doweld, (Prof) Alexander Borissovitch (1973–); {Doweld}; Russian botanist; pres of Natl Institute of Carpology (NICAR) of Gaertnerian Institution, Moscow, Russia;

desc genera:

Bravocactus 1998 (syn of Turbinicarpus BUXBAUM & BACKEBERG),

Emorycactus 1996 (syn of Echinocactus LINK & OTTO),

Kadenicarpus 1998 (syn of Turbinicarpus BUXBAUM & BACKEBERG),

Meyerocactus 1996 (syn of Echinocactus LINK & OTTO),

Torreyocactus 1998 (na J Torrey) (syn of Thelocactus B&R);

transfer species:

“Disocactus nelsonii var hondurensis” (MW Kimnach 1965) —> **Disocactus nelsonii** ssp **hondurensis** 2002,

“Echinocactus bolaensis” (C Runge 1889) —> **Thelocactus bicolor** ssp **bolaensis** 1999,

“Rhipsalis jamaicensis” (NL Britton & WH Harris 1909) —> **Pseudorhipsalis ramulosa** ssp **jamaicensis** 2002,

“Selenicereus mirandae” (H Bravo-Hollis 1967) —> **Weberocereus glaber** ssp **mirandae** 2002;

desc subsp:

(Acanthorhipsalis monacantha ssp) **kimnachii** (Cochabamba) 2002 (na MW Kimnach) —> **Pfeiffera monacantha** ssp **kimnachii** by R Bauer 2005.



† **Downs**, Philip E (6 Jan 1938–26 Dec 2017); British dentist & horticulturist; succulentophile 1950~; to RSA 1967–86; back to Eng 1986–99; IOS member 1996; editor of *Asklepios* journal 1997–99; held number of senior posts at BCSS; to New Zealand 2000~;

species nah:

(Aloe) **downsiana** (Ethiopia) (desc & nah by TA McCoy & JJ Lavranos 2007 & disc by TA McCoy & MB Miller 2001);

disc species:

(Sansevieria) **downsii** (Malawi) (desc & nah by B Chahinian 2000),
(Sansevieria) **pfisteri** [w F Pfister] (Angola) (desc by DJ Richards 2009 & na F Pfister).



Doyle, James [Jim] D; US biologist; PhD in biology at Univ of N Carolina, Chapel Hill 1990;
Book ``[1990] *Systematics of the Opuntia humifusa complex* Chapel Hill; Eng; 354p; (PhD thesis).

Drab, [Dráb,] (Dr) Igor Dugang (7 Dec 1952–); {Drab}; Slovakian amateur cactus grower; PhD;
Book [1991] *Zacínáme Pestovat Kaktusy* Bratislava, Czech Rep; 64p,
[1992–94] *Obrazkový Minilexikon Sukulentov* [w R Stanik, A Lux & J Matis] Bratislava;
Czech/Ger/Spanish/Eng;

[1992] Vol 1, 64p;

[1994] Vol 2, 72p,

[1994] *Svet Kaktusu Podle Frice Alebo Dobře Utajeny Lexikon Kaktusov* = "The World of Cacti after Fric"
[w J Matis] Bratislava; Czech; 48p,

[1996] *Rod Turbinicarpus* [wR Stanik, A Lux & M Zachar] Bratislava; Czech; 101p w 74 color photos.



† **Drake**, [Drake del Castillo,] Emmanuel (28 Dec 1855–14 May 1904); {Drake}; French
botanist; studied flora of French Polynesia, French Guyana, Tonkin & Mada; had large herbarium &
library;

desc genus:

Alluaudia (Mada) (disc by C Alluaud & nah) 1903;

desc species:

(Didieria) **ascendens** (Mada) 1901 → **Alluaudia ascendens** by E Drake del Castillo 1903,

(Didierea) **comosa** (Mada) 1901 → **Alluaudia comosa** by E Drake del Castillo 1903,

(Didierea) **dumosa** (Mada) 1901 → **Alluaudia dumosa** by E Drake del Castillo 1903,

(Didierea) **procera** (Mada) 1901 → **Alluaudia procera** by E Drake del Castillo 1903,

(Euphorbia) **decorsei** (Mada) 1903 (na J Decorse),

(Euphorbia) **enterophora** (Mada) 1899,

(Euphorbia) **intisy** (Mada) 1900,

(Euphorbia) **leucodendron** (Mada) 1903,

(Euphorbia) **onoclada** (Mada) 1903 → **Euphorbia leucodendron** ssp **onoclada** by WHH Rauh &
DL Koutnik 1998,

(Euphorbia) **perrieri** (Mada) 1899 (na JMH Perrier de la Bathie),

(Euphorbia) **plagiantha** (Mada) 1903,

(Kalanchoe) **beharensis** (Mada) 1903,

(Kalanchoe) **linearifolia** (Mada) 1903,

(Pachypodium) **lamerei** (Mada) 1899 (disc by ? Lamere & nah).



† **Drake-Brockman**, (Dr med) (Col) Ralph Evelyn (1 Oct 1875–15 Nov 1952);
British physician; army medical officer in Somalia & Abyssinia 1904–15; collected stapeliads &
other succ sent to Kew;

disc species:

(Caralluma) **crassa** (Somalia) 1914 (desc by NE Brown 1935) → **White-sloania crassa** by E Chiovenda
1937,

(Caralluma) **sacculata** (Ethiopia, Djibouti) 1908–09 (desc by NE Brown 1909) → **Orbea sacculata** by
PV Bruyns 2001.

† **Drapiez**, [Draper,] Pierre Auguste Joseph (28 Aug 1778–28 Dec 1856); {Drapiez}; Belgian naturalist & artist; studied at Paris Ecole Polytechnique; authored books on natural history, mostly on entomology & botany; helped create bot garden in Brussels, Belgium;
Book [1828–35] *Herbier de l'Amateur de Fleurs* Brussels; 600 unnumbered plates of colored engravings by hand; includes c&s plates w & w/o text.



Drawe, (Dr) Dale Lynn (1942–); US ecologist & naturalist; PhD in rangeland ecology at Utah State Univ, Logan; taught range & wildlife management at College of Agriculture at Texas A & I Univ, Laredo 1970–74; assistant dir of Rob & Bessie Welder Wildlife Foundation (established 1953) at Sinton, Texas 1974–2008;

Book [1993] *Trees, Shrubs, & Cacti of South Texas* [w JH Everitt] Lubbock, Texas; Eng; 213p.

† **Drege**, [Drège,] Isaac Louis (23 Mar 1853–21 Jan 1921); RSA apothecary; collected near Port Elizabeth, RSA;

species nah:

(Euphorbia ledienii var) **dregei** (Eastern Cape) (desc & nah by NE Brown 1915);

disc species:

(Euphorbia) **valida** (Eastern Cape) 1912 (desc by NE Brown 1915) —> **Euphorbia meloformis** ssp **valida** by GD Rowley 1998.



† **Drege**, [Drège, né De Rège,] Johann [Jean] **Franz** [François, Frantz] (25 Mar 1794–3 Feb 1881); {Drège}; Ger horticulturist & botanist; worked at bot gardens in Munich, Riga, Berlin & St Petersburg; extensive botanical collector in RSA 1826–34; w brother, Carl Friedrich Drège (1791–1867) collected some 200,000 herbarium specimens of 8,000 species (most destroyed in Hamburg fire 1842);

HWR Marloth refers to him as ‘the father of S African phytogeography’;

Book [1844] *Zwei Pflanzengeografische Dokumente* Leipzig; 230p;

species nah:

(Begonia) **dregei** (Natal, Eastern Cape) (desc & nah by CF Otto & FG Dietrich 1836),

(Crassula) **dregeana** (Natal) (desc & nah by WH Harvey 1862) —> **Crassula obovata** var **dregeana** by HR Tolken 1975,

(Galena) **dregeana** (Namaq) (desc & nah by OW Sonder 1862),

(Mesemb) **dregeanum** (RSA) (desc & nah by OW Sonder 1862) —> **Lampranthus dregeanus** by NE Brown 1930;

disc species:

(Arthrothamnus) **brachiatus** (Western Cape) c1830 (desc by JF Klotzsch 1860) —> **Euphorbia brachiata** by PE Boissier 1862,

(Brachystelma) **meyerianum** (Eastern Cape) (desc by FRR Schlechter 1895 & na EHF Meyer),

(Ceropegia) **ampliata** (Mada, RSA n into tropical Africa) c1830 (desc by EHF Meyer 1837),

(Ceropegia) **carcosa** (Eastern Cape, Natal, Swaziland, Kenya) c1830 (desc by EHF Meyer 1837),

(Ceropegia) **fimbriata** (Eastern Cape) c1830 (desc by EHF Meyer 1837),

(Ceropegia) **linearis** (Mozambique, Eastern Cape, Natal) c1830 (desc by EHF Meyer 1837),

(Ceropegia) **meyeri** (Zambia, Zimbabwe, Mozambique, Malawi, RSA, Namibia) (desc by J Decaisne 1844 & na EHF Meyer),

(Cotyledon) **racemosa** (Namibia, Northern Cape) 1830 (desc by WH Harvey 1862) —> **Tylecodon racemosus** by HR Tolken 1978,

(Euphorbia) **caterviflora** (Western Cape, Eastern Cape, Free State) c1830 (desc by NE Brown 1915),

(Euphorbia) **clavarioides** (Cape, Lesotho) c1830 (desc by PE Boissier 1860),
 (Euphorbia) **cupularis** (Zimbabwe, Natal, Mozambique) c1830 (desc by PE Boissier 1860)
 —> **Synadenium cupulare** by LC Wheeler 1941,
 (Euphorbia) **decepta** (Eastern Cape) c1830 (desc by NE Brown 1915),
 (Euphorbia) **dregeana** (Namibia, Northern Cape) c1830 (desc & nah by PE Boissier 1862),
 (Euphorbia) **enopla** (Eastern Cape) c1830 (desc by PE Boissier 1860),
 (Euphorbia) **ephedroides** (Namaq) c1830 (desc by PE Boissier 1862),
 (Euphorbia) **gariepina** (Namibia, Northern Cape) c1830 (desc by PE Boissier 1860),
 (Euphorbia) **gummifera** (Namibia, Northern Cape) c1830 (desc by PE Boissier 1860),
 (Euphorbia) **horrida** (Eastern Cape) c1830 (desc by PE Boissier 1860),
 (Euphorbia) **ingens** (Zambia, Malawi, Natal) c1830 (desc by PE Boissier 1862),
 (Euphorbia) **oxystegia** (Namaq) c1830 (desc by PE Boissier 1860),
 (Euphorbia) **perpera** (Namaq) c1830 (desc by NE Brown 1915),
 (Euphorbia) **restituta** (Western Cape) c1830 (desc by NE Brown 1915),
 (Euphorbia) **rhombifolia** (Eastern Cape, Natal) c1830 (desc by PE Boissier 1860),
 (Euphorbia) **spicata** (Namaq) c1830 (desc by PE Boissier 1862),
 (Euphorbia) **stapelioides** (Namaq) c1830 (desc by PE Boissier 1860),
 (Hoodia) **bainii** (Cape, Namibia) c1830 (desc by WT Thiselton-Dyer 1878 & na TC Bain),
 (Hoodia) **dregei** (Northern Cape, Western Cape) c1830 (desc & nah by NE Brown 1909),
 (Tylecodon) **hallii** (Northern Cape, Namibia,) c1834 (desc by HR Tolken 1978 & na H Hall);

disc variety

(Euphorbia burmannii var) **karroensis** (Western Cape) c1830 (desc by PE Boissier 1862) —> **Euphorbia karroensis** by NE Brown 1915.

Dressler, (Dr) Robert Louis (2 Jun 1927–); {Dressler}; US botanist & plant taxonomist; PhD at Harvard Univ 1956; worked at Missouri Bot Garden; adjunct curator at Florida Museum of Natural History; orchid specialist at Smithsonian Tropical Research Institute in Panama; collected in Central Amer tropics & in Mex;
Book [1957] *The Genus Pedilanthus (Euphorbiaceae)* Cambridge, Massachusetts; Eng; 188p;

desc species:

(Pedilanthus) **connatus** [w CM Sacamano] (Jalisco) 1992,
 (Pedilanthus) **gracilis** (Guerrero) 1957,
 (Pedilanthus) **pulchellus** (Oaxaca) 1957;

transfer species:

“Pedilanthus angustifolius” (PA Poiteau 1812) —> **Pedilanthus tithymaloides** ssp **angustifolius** 1957,
 “Pedilanthus bahamensis” (CF Millpaugh 1913) —> **Pedilanthus tithymaloides** ssp **bahamensis** 1957,
 “Pedilanthus jamaicensis” (CF Millpaugh & NL Britton 1913) —> **Pedilanthus tithymaloides** ssp **jamaicensis** 1957,
 “Pedilanthus parasiticus” (JF Klotzsch & CAF Garcke 1860) —> **Pedilanthus tithymaloides** ssp **parasiticus** 1957,
 “Pedilanthus retusus” (G Bentham 1854) —> **Pedilanthus tithymaloides** ssp **retusus** 1957,
 “Pedilanthus smallii” (CF Millpaugh 1913) —> **Pedilanthus tithymaloides** ssp **smallii** 1957;

transfer variety:

“Euphorbia tithymaloides var padifolia” (C Linnaeus 1753) —> **Pedilanthus tithymaloides** ssp **padifolius** 1957.



Dreyer, (Dr) Léanne Laurette (2 Jan 1967–); {Dreyer}; RSA botanist;
 PhD at Univ of Pretoria, RSA 1996; prof of botany at Univ of Stellenbosch, RSA 1996~;

transfer species:

“Cortusina velutina” (CF Ecklon & CLP Zeyher 1835) —> **Pelargonium reniforme** ssp **velutinum** 1995.

Drijfhout, Piet; RSA;

disc species:

(Tylecodon) **ellaphieae** [w EJ van Jaarsveld] (Northern Cape) (desc & na JE Ward-Hilhorst by EJ van Jaarsveld 1989).

†**Droit**, Simone;

Book [1929] *Les Euphorbiacées Médicinales et en Particulier les Espèces Purgatives à l'Exception du Ricin* Paris, France; French; 250p.

†**Drouhard**, Eugène-Jean (7 Sep 1874–1945); French agronomist & forester; to Mada 1901; entered government service in Mada 1901–34; collected in Mozambique & Mada 1901–34; father-in-law H Perrier de la Bathie;

species nah:

(Moringa) **drouhardii** (Mada) (desc & nah by HL Jumelle 1930).

†**Druce**, Anthony [**Tony**] Peter (18 Jun 1920–15 Mar 1999); {A.P.Druce}; New Zealand engineer & botanist; BS in engineering at Canterbury Univ 1942; collected in New Zealand; spouse Helen [née Hodgson] Druce;

desc species:

(Crassula) **hunua** (N Island of New Zealand) 1987,
(Crassula) **manaia** [w WR Sykes] (New Zealand) 1988,
(Crassula) **mataikona** (New Zealand) 1987,
(Crassula) **ruamahanga** (New Zealand) 1987;

transfer species:

“Ceradia furcata” (J Lindley 1845) —> **Othonna furcata** 1917,
“Leichardtia australis” (R Brown 1845) —> **Marsdenia australis** 1917;
“Tillaea kirkii” (HHB Allan 1961) —> **Crassula kirkii** [w DR Given] 1984,
“Tillaea multicaulis” (D Petrie 1887) —> **Crassula multicaulis** [w DR Given] 1984,
“Tillaea sinclairii” (JD Hooker 1864) —> **Crassula sinclairii** [w DR Given] 1984.



†**Druce**, (Dr hc) George Claridge (23 May 1850–29 Feb 1932); {Druce}; British botanist & pharmaceutical chemist 1879~; fielding curator at dept of botany, Oxford Univ, Eng 1895~; mayor of Oxford, Eng 1900–01; secretary of bot exchange club of British Isles 1904~; honorary DSc from Oxford Univ 1924; FLS 1879; FRS 1927; collected in Cyprus, Australia & S Amer;

transfer species:

“Aizoon pubescens” (CF Eklon & KLP Zeyher 1837) —> **Galenia pubescens** 1917,
“Aloe hyacinthoides” (C Linnaeus 1753) —> **Sansevieria hyacinthoides** 1913,
“Brachystelma sinuatum” (EHF Meyer 1837) —> **Fockea sinuata** 1917,
“Cotyledon ovata” (P Miller 1768) —> **Crassula ovata** 1917.
“Ocimum verticillatum” (C von Linne *fil.* 1781) —> **Plectranthus verticillatus** 1917,
“Tillaea sieberiana” (JA Schultes 1827) —> **Crassula sieberiana** 1917.

†**Drummond**, James Ramsay (?13 May? 1851–1921); {J.R.Drumm.}; Scottish amateur botanist;

BA at Oxford Univ, Eng 1872; worked in Indian Civil Service in Punjab, India & collected in India 1874–1904; at Kew 1905~; grandfather T Drummond;

Book [1907] *The Literature of Furcraea w a Synopsis of the Known Species* St Louis, Missouri; Eng; 50p,
[1907] *Notes on Agave & Furcraea in India* [w D Prain] Calcutta, India; Eng; 195p;

desc species:

(Agave) **wrightii** (Central Amer) 1909 (na C Wright).

† **Drummond**, Robert Bailey (27 Feb 1924–3 Jun 2008); {R.B.Drumm.}; British botanist to Zimbabwe 1955; BSc at Leeds Univ 1948; worked at Kew 1948–55; at Natl Herbarium, Salisbury, Zimbabwe 1955~; explored & collected in East Africa, Botswana, Transvaal & Natal;

Book [1976] *Wildl Flowers of Rhodesia* [w DCH Plowes] Zimbabwe; Eng; 134p w 193 color plates;

transfer species:

“Cissus dolichopus” (CA Smith 1932) —> **Cyphostemma humile** ssp **dolichopus** [w H Wild] 1962,

“Cissus quinata” (WT Aiton 1810) —> **Cyphostemma quinatum** [w H Wild] 1966,

“Vitis congesta” (JG Baker 1868) —> **Cyphostemma congestum** [w H Wild] 1966,

“Vitis humilis” (NE Brown 1887) —> **Cyphostemma humile** [w H Wild] 1962.



† **Drummond**, Thomas (1793–Mar 1835); {Drumm.}; Scottish naturalist, bryologist, nurseryman & botanical & zoological collector; curator at Belfast Bot Garden 1808–31; collected in n US 1831–33; WJ Hooker sent him on collecting trip to Texas 1833–35; grandson JR Drummond;

disc species:

(Tillaea) **drummondii** (Texas, Colorado, Arizona, Paraguay, Argentina, Chile) c1834 (desc & nah by J Torrey & A Gray 1840) —> **Crassula drummondii** by FKG Fedde 1904.

Druten, Denise van (1930–); {Druten};

transfer species:

"Urginea alooides" (H Bolus 1881) to **Aloe alooides** 1956.

Dtr., — See **Dinter**, MK.

† **Duarte**, Apparício Pereira (1910–1984); {Duarte}; Brazilian botanist; botanist at Rio de Janeiro bot garden;

disc species:

(Euphorbia) **apparicana** (Brazil) (desc & nah by CT Rizzini 1989),

(Euphorbia) **attastoma** (Minas Gerais) 1970 (desc by CT Rizzini 1989),

(Euphorbia) **holochlorina** (Espírito Santo) (desc by CT Rizzini 1989).

† **Ducker**, HC; manager of Cotton Experiment Station, Malawi 1940;

disc species:

(Aloe) **duckeri** (Tanzania, Zambia, Malawi) 1934 (desc & nah by HB Christian 1940).

Dudek, R;

Book [1992] *Spolku Pestitelu Kaktusu a Sukulentu Praha* [w M Veverka] Praha; 80p.



† **Dudley**, Wm Russel (1 Mar 1849–4 Jun 1911); {Dudl.}; US systematic botanist;

MS at Cornell Univ 1876; prof of botany at Cornell Univ, Ithaca, NY 1876–1892; founder & prof of systematic botany at Stanford Univ, Calif 1893~; *The Dudley Herbarium* at Stanford nah, which includes c50,000 sheets from his private collection; explored & collected in Calif;

genus nah:

Dudleya (Oregon, Calif, Nevada, Arizona, Sonora, Baja Calif & nearby islands) (desc & nah by NL Britton & JN Rose 1903);

desc species:

(*Talinum*) **guadalupense** (Guadalupe Island) 1899 (disc by WW Thoburn, ? Green & ? Wing 1897)
—> **Cistanthe guadalupensis** by MA Hershkovitz 1990.

Duffield, Mary Rose; US landscape architect in Tucson, Arizona;

Book [1981] *Plants for Dry Climates* [w WD Jones] Tucson, Arizona, Eng; 176p.

† **Dufour**, (Mlle) Lucy; French acquaintance of Raymond-Hamet;

species nah:

(*Kalanchoe*) **luciae** (RSA, Swaziland, Zimbabwe, Mozambique) (desc & nah by Raymond-Hamet 1908).

† **Dugand**, Armando (23 Jul 1906–5 Dec 1971); {Dugand}; Colombian biologist & naturalist; dir of Natural Sciences Institute, Universidad Nacional de Colombia, Bogotá, Colombia 1940–53 & Armando Dugand Library nah; spouse Sarita [née Roncallo] Dugand;

desc genus:

Pseudobombax (Mex to n Argentina) 1943;

transfer species:

“*Bombax ellipticum*” (CS Kunth 1821) —> **Pseudobombax ellipticum** 1943,

“*Bombax palmeri*” (S Watson 1887) —> **Pseudobombax palmeri** 1943.



† **Dugdale**, (Prof) Chester B (15 May 1917–29 Sep 2010); US biologist, teacher, naturalist; prof of Biological Sciences at Fairleigh Dickinson Univ, Rutherford, New Jersey 25 yrs; founded C&SS of New Jersey 1959; contributed to D Sprechman’s *Lithops* 1970 book; articles on *Lithops* in various publications; spouse Anne [née Paterson] Dugdale;

Book [1973–76] *Lithops in Colour* Rutherford; (in 12 sets of 10 color photos in each set).

† **Duguey**, Monsieur l'Adjudant-Chef; French friend of Raymond-Hamet;

species nah:

(*Sedum*) **dugueyi** (China) (desc & nah by Raymond-Hamet 1916).

† **Dujac**, Xavier;

Book [1828] *Considérations Générales sur l'Analyse de l'Extrait d'Aloe exotique Comparé à l'Extrait d'Agave americana et sur la Spécialité de la Gomme, de l'Extractif et du Tanin Considérés Comme Corps Distincts* Montpellier; 15p.



† **Dummer**, [Dümmer,] Richard Arnold (1887–2 Dec 1922); {Dummer}; RSA to Eng 1910–14; botanist, horticulturist & entomologist; worked in herbaria & libraries of Kew, Linnean Soc, Cambridge, Oxford & Edinburgh Univ 1911–14; employed at Kivuvu Rubber Company, Uganda 1914~; explored & collected in RSA, Kenya & Uganda;

disc species:

(Stapelia) **dummeri** (Tanzania, Zaire, Uganda, Kenya) 1915 (desc & nah by NE Brown 1917) —> **Orbea dummeri** by PV Bruyns 2001;

desc species:

(Testudinaria) **paniculata** (Cape, Natal) 1912 —> **Dioscorea sylvatica** var **paniculata** by IH Burkill 1952.



† **Dumortier**, Count Barthélemy Charles Joseph (3 Apr 1797–9 Jun 1878); {Dumort.}; Belgian politician & botanist;

species nah:

(Cereus) **dumortieri** (Mex) (desc & nah by MJF Scheidweiler 1837) —> **Stenocereus dumortieri** by F Buxbaum 1961.

† **Dunal**, Michel Félix (24 Oct 1789–29 Jul 1856); {Dunal}; French botanist; prof of botany in Montpellier, France;

transfer species:

“Alona carnososa” (J Lindley 1844) —> **Nolana carnososa** 1852,

“Alona coelestis” (J Lindley 1844) —> **Nolana coelestis** 1852,

“Alona rostrata” (J Lindley 1844) —> **Nolana rostrata** 1852.



† **Duncan**, (Capt) Francis [Frank] K (1877–1970); US photographer, prospector & mining supervisor; owner of Duncan Photography Company, Marfa, Texas; spouse Daisy M Duncan (1878–1962);

species nah:

(Escobesseyia) **duncanii** (New Mex, Texas) (desc & nah by JP Hester 1945) —> **Escobaria duncanii** by F Buxbaum 1960.

† **Dunsdon**, (Mr) L (fl. 1924);

species nah:

(Disphyma) **dunsdonii** (Cape) (desc & nah by HML Bolus 1931).

Duran, Marc;

Book [1958] *Contribution à l'Étude des Aloes Officinaux et en Particulier leur Essai Physico-chimique* Paris, France; French; 150p;

disc species:

(Euphorbia) **duranii** (Mada) 1951 (desc & nah by E Ursch & JD Leandri 1955).



† **Durand**, Elias [Elie] Magloire (25 Jan 1794–14 Aug 1873); {Durand}; French pharmacist in Navy 1812–14; to US 1816; pharmacist & botanist in Philadelphia, Pennsylvania 1825~; purchased herbariums of T Nuttall & CS Rafinesque with about 100,000 specimens of 10,000 species of plants; first spouse Rose Polymnia [née Ducatel] Durand (–1822); second spouse Marie Antoinette

[née Berauld] Durand;

desc species:

(Sedum) **multiceps** [E Cosson] (Algeria) 1862.

Durand, Pierre;

Book [1964] *Mis Cactos* [w N Clarasó] Paris, France; 31p.



† **Durand**, Théophile Alexis (4 Sep 1855–12 Jan 1912); {T.Durand}; Belgian botanist;

dir of Brussels Bot Garden, Belgium 1901~; spouse Sofie [née van Eedle] Durand;

Book [1896] *Hortus Boissierianus - Enumération des Plantes Cultivées en 1885 à Valleyres (Vaud) et à la Pierrière (Chambésy près Genève)* = "cacti in collection of PE Boissier" [w EJB Autran]; Geneva, Switzerland; 572p; (reprint 1997);

desc species:

(Stathmostelma) **wildemanianum** (Zaire) 1909 (na EAJ de Wildeman).

† **Durieu**, [Durieu de Maisonneuve,] Michel Charles (7 Dec 1796–20 Feb 1878); {Durieu}; French soldier & botanist; prof of botany in Bordeaux, France 1867–77;

desc species:

(Sedum) **multiceps** [w ES Cosson] (Algeria) 1862.



† **d'Urville**, Jules-Sébastien-César **Dumont** (23 May 1790–8 May 1842); {d'Urv.}; French naval officer, explorer, botanist & linguist; sailed around world in 'Coquille' ship 1822–25; sailed to Antarctica 1826 & 1840; spouse Adele Dorthée d'Urville;

species nah:

(Sedum) **urvillei** (Hungary to Greece & Turkey) 1828 (desc & nah by AP de Candolle).

† **Dusen**, [Dusén,] Per Karl Hjalmar (4 Aug 1855–22 Jan 1926); {Dusen}; Swedish civil engineer, botanist, bryologist & palaeobotanist; collected in Cameroon & Liberia 1890–92 & in Argentina & Chile 1896–99;

disc species:

(Rhipsalis) **rosea** (Brazil) 1909 (desc by NG von Lagerheim 1912) —> **Hatiora rosea** by WA Barthlott 1987;

desc species:

(Epiphyllum) **opuntioides** [w A Lofgren] (Rio de Janeiro) 1905 (disc by PKH Dusen 1902) —> **Schlumbergera opuntiodes** by DR Hunt 1969.

† **DuShane**, Helen (25 Jan 1907–18 May 2002); US educator, amateur conchologist & malacologist;

Book [1971] *The Baja Calif Travels of Charles Russell Orcutt* Los Angeles, Calif; 75p.

Dustin, CB;

Book [1962] *Peyotism & New Mex* Albuquerque, New Mex; 51p.



† **Duthie**, (Dr) Augusta Vera (18 Jul 1881–8 Aug 1963); {A.V.Duthie}; RSA botanist; DSc at Univ of S Africa 1929; lecturer in botany at Victoria College (later Univ of Stellenbosch) 1902~; explored & collected in RSA;

species nah:

(Mesemb) **duthiae** (Western Cape) (desc & nah by HML Bolus 1923) —> **Ruschia duthiae** by MHG Schwantes 1949,

(Stomatium) **duthiae** (Eastern Cape) (desc & nah by HML Bolus 1932).

† **Duthie**, John Firminger (12 May 1845–23 Feb 1922); {Duthie}; British botanist; prof of natural history; superintendent of Saharanpur Garden, India 1872 & founded herbarium 1876 (later Dehra Dun Herbarium of the Forest Research Institute, India 1908); collected in India, Italy & Malta; FLS 1875;

species nah:

(Sedum) **duthiei** (India) (desc & nah by HA Froderstrom 1931);

desc species:

(*Brachystelma*) **pauciflorum** (India) 1911.

† **Duursma**, GD (1891–11 May 1969); {Duursma}; Dutch horticulturist & amateur botanist; secretary of Dutch C&SS 1919–27; co-editor of journal *Succulenta* 1928–43; treasurer of Dutch C&SS 1943~; specialized in succ;

Book [1927] *De Behandeling van Onze Cactussen en Andere Succulenten van Maand tot Maand* Amsterdam, Netherlands; Dutch; 61p,

[1927] *Cactussen* Rotterdam, Netherlands; Dutch; 59p,

[1927] *Onze Cactussen: Practisch Handboek Voor Amateur-Kweekers* Amsterdam, Netherlands; Dutch; 143p,

[1930] *Vetplanten* Rotterdam; Dutch; 58p,

[1930] *Pette's Album voor Cactus—Liefhebbers en pen lie het Willen Worden* Amsterdam; Dutch; 96p,

[1930] *De Behandeling onzer Cactussen en andere Succulenten van Maand tot Maand* Amsterdam;

Dutch; 60p,

[1930] *Onze Vetplanten voor Kamer, Kas en Tuin* Amsterdam; Dutch; 149p,

[1930] *Succulenten in Beeld en Woord* Amsterdam; Dutch; 167p + 4 color plates,

[1930] *Cactussen en Hunne Verzorging* Groningen; Dutch 32p,

[1932] *Cactusjacht Tussen Texas en Patagonië* = "Intro to a Cactus Hunt" [w C Backeberg] Amsterdam; Dutch; 125p; (Dutch revised edition of C Backeberg's 1930 *Kakteenjagd*),

[1935] *Cactus Album* Amsterdam; Dutch; 96p,

[1951] *Cactussen en Andere Vetplanten* Amsterdam; Dutch; 62p.

† **Duval**, (Dr med) Henri Auguste (28 Apr 1777–16 Mar 1814); {Duv.}; French physician, botanist & succulent researcher; MD at Paris Univ 1809; first to separate genera *Gasteria* & *Haworthia* from genus *Aloe*;

Book [1809] *Plantae Succulentae in Horto Alenconio* Paris, France; Latin; 18p; (a small catalogue of succ growing at Alençon Garden; 1939 reprint);

genus **nah**:

Duvalia (desc & nah by AH Haworth 1812);

desc genera:

Gasteria (Namibia, RSA) 1809,

Haworthia (Cape, Free State, Natal, Mpumalanga, Namibia) 1809 (na AH Haworth);

transfer species:

"*Aloe carinata*" (P Miller 1768) —> **Gasteria carinata** by HA Duval 1809,

"*Aloe cymbiformis*" (AH Haworth 1804) —> **Haworthia cymbiformis** 1809,

"*Aloe pumila*" (C Linnaeus 1753) —> **Haworthia pumila** 1809,

"*Aloe retusa*" (C Linnaeus 1753) —> **Haworthia retusa** 1809;

transfer variety:

"*Aloe margaritifera* var *maxima*" (AH Haworth 1804) —> **Haworthia maxima** 1809,

"*Aloe pumila* var *arachnoidea*" (C Linnaeus 1753) —> **Haworthia arachnoidea** 1809.

Duwe, Walter (7 Apr 1925–14 Feb 2010); Ger horticulturist;

disc species:

(Mamm) **duwei** (Guanajuato) 1983 (desc & nah by H Rogozinski & PJ Braun 1985).

Dvorak, V;

Book [1979] *Cilské Kaktusy 1 Rod Copiapoa: Friciana v. 52* Czech Rep; Czech/Ger; 40p,

[1982] *Cilské Kaktusy 2 Rod Neoporteria: Friciana v. 54* Czech Rep; Czech/Ger; 45p,

[1982] *Cilské Kaktusy 3 Rod Neopteris, Islaya, Eriosyce: Friciana v. 55* Czech Rep; Czech/Ger; 32p.

Dyakonov, VM;

Book [1953] *Kaktusii* [w N Koornakov] Leningrad, Russia; Russian.



† **Dybowski**, Jean [Jan] (18 Apr 1856–18 Dec 1928); {J.Dyb.}; French agricultural scientist & world traveler; prof at Institute National Agronomique, Paris, France 1893–1927; dir of agriculture & commerce, Tunis, Tunisia 1896~ & was co-founder of its botanical & agricultural garden 1896; collected in Algeria, Sahara, Congo, Comoro Islands, Senegal, Mali, French Guinea, Ivory Coast &

Bahia, Brazil;

disc species:

(Cereus) **dybowskii** (Bahia) (desc & nah by R Roland-Gosselin 1908) —> **Espostoopsis dybowskii** by F Buxbaum 1968.



{**Dyer**}, — see Thiselton-Dyer.† **Dyer**, (Dr) **Robert** Allen (21 Sep 1900–26 Oct 1987);

{R.A.Dyer}; RSA botanist & taxonomist; BSc & MSc at Natal Univ College; assistant to prof

S Schonland in division of botany at Grahamstown 1925–26; curator at Grahamstown Bot Research

Unit of Dept of Agriculture, RSA & Albany Museum Herbarium, Grahamstown, RSA 1926–31;

botanist for RSA at Kew 1931–34; botanist in Grahamstown & Pretoria, RSA, 1934–44; DSc from Univ of Natal 1937 on “Vegetation of the Districts of Albany & Bathurst in the eastern Cape”; dir of Bot Research Institute of RSA, Pretoria 1944–63; editor of *Bothalia* & *Flowering Plants of Africa* 1944–63; founded Natl Bot Garden, Pretoria 1946; specialized in Euphorbia & Asclepiadaceae; CSSA Fellow award 1941; Senior Capt. Scott Medal of S African Biological Soc award [w AC White & BL Sloane] 1942; Medal for Botany by S African Association of Botanists award 1973; honorary doctorate from Univ of Witwatersrand 1976; Succ Soc of RSA Allen Dyer award nah 1992~; spouse Adelene Beatrice Dyer;

Book [1941] *The Succ Euphorbieae (Southern Africa)* [w AC White & BL Sloane] Pasadena, Calif; Eng;

Vol 1, 494p;

Vol 2, 496p,

[1962] *Wild Flowers of the Transvaal* [w IC Verdoorn & LEW Codd] Pretoria, RSA; Eng; 362p; [w artist CL Letty],

[1975–76] *The Genera of Southern African Flowering Plants* Pretoria, RSA; Eng;

[1975] Vol I, Dicotyledons; 756p,

[1976] Vol II, Gymnosperms & Monocotyledons; 264p,

[1980] *Flora of Southern Africa* RSA; Eng; 91p; (Vol 27, Part 4, Asclepiadaceae (Brachystelma - Riocreuxia)),

[1980] *Brachystelma, Ceropegia & Riocreuxia*; 87p,

[1983] *Ceropegia, Brachystelma & Riocreuxia in Southern Africa* Rotterdam, Netherlands; Eng; 274p w 21 color plates),

[1984] *A Review of the Southern African Species of Cyrtanthus* [w C Reid] Dover, Delaware; Eng; 68p;

species nah:

(Hereroa) **dyeri** (Eastern Cape) (desc & nah by HML Bolus 1928) —> **Rhombophyllum dyeri** by HEK Hartmann 1998;

(Raphionacme) **dyeri** (Free State) (desc & nah by E Retief & HJT Venter 1983);

disc species:

(Delosperma) **dyeri** (Cape) 1926 (desc & nah by HML Bolus 1928);

(Ectotropis) **alpina** (Eastern Cape) 1926 (desc by NE Brown 1927) —> **Delosperma alpinum** by SA Hammer & AP Dold 2003,

(Euphorbia) **colliculina** (Western Cape) 1939 (desc by BL Sloane, AC White & RA Dyer 1941),
 (Euphorbia) **fortuita** (Western Cape) 1939 (desc by BL Sloane, AC White & RA Dyer 1941),
 (Euphorbia) **symmetrica** (Eastern Cape) (desc by AC White, BL Sloane & RA Dyer 1941) —> **Euphorbia obesa** ssp **symmetrica** by GD Rowley 1998;
desc species:
 (Asparagus) **multituberosus** (Northern Cape, Western Cape) 1954 —> **Myrsiphyllum multituberosum** by AA Obermeyer 1984,
 (Brachystelma) **alpinum** (Lesotho) 1977 (disc by RDA Bayliss 1975),
 (Brachystelma) **australe** (Eastern Cape, Natal) 1977,
 (Brachystelma) **bruceae** (Limpopo, Mpumalanga) 1977 (disc by JH & J Davidson 1923 & na EH Bruce),
 (Brachystelma) **canum** (North-West) 1977 (disc by J Acocks 1956),
 (Brachystelma) **cathcartense** (Eastern Cape) 1971 (disc by H Bolus c1896),
 (Brachystelma) **coddii** (Tanzania, Limpopo, Swaziland) 1955 (na LEW Codd),
 (Brachystelma) **cupulatum** (Northern Cape, Limpopo) 1971 (disc by MK Dinter),
 (Brachystelma) **delicatum** (Eastern Cape) 1976 (disc by DS Hardy 1965),
 (Brachystelma) **dimorphum** (Free State, Northern Cape) 1979,
 (Brachystelma) **discoideum** (Zimbabwe) 1973 (disc by DS Hardy),
 (Brachystelma) **duplicatum** (Free State) 1979,
 (Brachystelma) **glenense** (Limpopo, Free State) 1976 (disc by JWC Mostert),
 (Brachystelma) **gracillimum** (North-West) 1945 (disc by WJ Louw 1943),
 (Brachystelma) **incanum** (North-West, Zimbabwe) 1976 (disc by JPH Acocks 1946),
 (Brachystelma) **minimum** (Eastern Cape) 1978 (disc by MB Bayer),
 (Brachystelma) **modestum** (Natal) 1954,
 (Brachystelma) **montanum** (Eastern Cape) 1956 (disc by EE Galpin ≈1908),
 (Brachystelma) **ngomense** (Natal) 1977 (disc by OM Hilliard & BL Burtt),
 (Brachystelma) **pachypodium** (Limpopo) 1958,
 (Brachystelma) **parvulum** (Limpopo) 1978 (disc by DS Hardy 1977),
 (Brachystelma) **perditum** (Lesotho, Natal) 1977 (disc by J Wylie),
 (Brachystelma) **petraeum** (Natal) 1977 (disc by OM Hilliard),
 (Brachystelma) **remotum** (Natal) 1976,
 (Brachystelma) **stellatum** [w EA Bruce] (Limpopo) 1954 (disc by LEW Codd & B de Winter),
 (Brachystelma) **swazicum** (Swaziland, Mpumalanga) 1976,
 (Brachystelma) **tabularium** (Eastern Cape) 1979 (disc by F Paterson 1913),
 (Brachystelma) **tenellum** (Limpopo, Natal) 1973 (disc by RG Strey 1970),
 (Brachystelma) **tenue** (Natal, Limpopo) 1971,
 (Brachystelma) **vahrmeijeri** (Natal) 1971 (disc by J Vahrmeijer & nah),
 (Caralluma) **maughani** (Northern Cape) 1931 (disc by R Maughan-Brown 1928 & nah) —> **Vadulia maughanii** by DCH Plowes 2003,
 (Caralluma) **montana** [w EA Bruce] (Ethiopia) 1947 (disc by AG McLoughlin 1947) —> **Echidnopsis Montana** by PRO Bally 1964,
 (Caralluma) **multiflora** (Northern Cape) 1977 —> **Quaqua multiflora** by PV Bruyns 1983,
 (Ceropegia) **arenaria** (Natal) 1978 (disc by RG Strey),
 (Ceropegia) **connivens** (Western Cape) 1979 (disc by PV Bruyns 1975) —> **Ceropegia fimbriata** ssp **connivens** by PV Bruyns 1985,
 (Ceropegia) **cyniflora** (Natal) 1978 (disc by WE Cronwright 1936),
 (Ceropegia) **fortuita** (Swaziland, Natal) 1944 (disc by FG Carnegie c1940),

(Ceropegia) **geniculata** (Western Cape) 1979 → **Ceropegia fimbriata** ssp **geniculata** by PV Bruyns 1985,
 (Ceropegia) **insignis** (North-West, Uganda) 1943 (disc by WJ Louw 1940),
 (Ceropegia) **occidentalis** (Western Cape) 1978 (disc by H Hall),
 (Ceropegia) **occulta** (Western Cape) 1958,
 (Cotyledon) **adscendens** (Eastern Cape) 1949 (disc by J Erens 1938),
 (Cotyledon) **fragilis** (Northern Cape, Western Cape) 1971 (disc by H Hall) → **Tylecodon fragilis** by HR Tolken 1978,
 (Cotyledon) **singularis** (Namibia) 1970 (disc by DS Hardy 1968) → **Tylecodon singularis** by HR Tolken 1978,
 (Cyrtanthus) **labiatus** (Eastern Cape) 1980,
 (Cyrtanthus) **montanus** (Eastern Cape) 1977,
 (Duvalia) **procumbens** (Zimbabwe, Limpopo) 1956 (disc by LEW Codd 1949) → **Huernia procumbens** by LC Leach 1969,
 (Echidnopsis) **repens** [w IC Verdoorn] (Kenya, Tanzania) 1939 (disc by J Erens 1938),
 (Euphorbia) **celata** (Northern Cape) 1974 (disc by ? 1970),
 (Euphorbia) **clivicola** (Limpopo) 1951,
 (Euphorbia) **complexa** (Mpumalanga) 1937 (disc by FZ van der Merwe 1936),
 (Euphorbia) **confinalis** (Zimbabwe, Mozambique, Mpumalanga, Limpopo) 1951,
 (Euphorbia) **corniculata** (Mpumalanga) 1949,
 (Euphorbia) **cumulata** (Western Cape) 1931 (disc by him 1926),
 (Euphorbia) **curvirama** (Eastern Cape) 1931 (disc by him),
 (Euphorbia) **duseimata** (Botswana, North-West, Limpopo) 1934 (disc by GJ de Wijn c1931),
 (Euphorbia) **eranthos** [w EWB Milne-Redhead] (Zambia) 1937,
 (Euphorbia) **grandialata** (Mpumalanga) 1937 (disc by FZ van der Merwe 1936),
 (Euphorbia) **groenewaldii** (Limpopo) 1938 (disc by FZ van der Merwe 1936 & na BH Groenewald),
 (Euphorbia) **hallii** (Northern Cape) 1953 (disc by H Hall 1948 & nah),
 (Euphorbia) **inconstantia** (Eastern Cape) 1931 (disc by him 1926),
 (Euphorbia) **keithii** (Swaziland) 1951 (na DR Keith),
 (Euphorbia) **memoralis** (Zimbabwe) 1952 (disc by HB Christian 1930s & named in HB Christian's memory),
 (Euphorbia) **nesemannii** (Western Cape) 1934 (disc by A Nesemann 1930 & nah),
 (Euphorbia) **perangusta** (North-West) 1938 (disc by WJ Louw 1935),
 (Euphorbia) **restricta** (Limpopo) 1951,
 (Euphorbia) **rowlandii** (Limpopo) 1958 (disc by LEW Codd 1949 & na Rowland Jones),
 (Euphorbia) **sekukuniensis** (Mpumalanga) 1940 (disc by PR Frames 1930),
 (Euphorbia) **tortirama** (Limpopo) 1937 (disc by IB Pole-Evans 1929),
 (Euphorbia) **tubiglans** (Eastern Cape) 1934 (disc by AGJ Herre 1930),
 (Euphorbia) **unicornis** (Mozambique) 1951,
 (Euphorbia) **vandermerwei** (Mpumalanga) 1937 (disc by FZ van der Merwe c1935 & nah),
 (Euphorbia) **waterbergensis** (Limpopo) 1951 (disc by A Lever 1940),
 (Euphorbia) **zoutpansbergensis** (Limpopo) 1938 (disc by FZ van der Merwe & (Mr) & (Mrs) J van der Vyver 1937),
 (Pectinaria) **breviloba** (Western Cape) 1954 → **Stapeliopsis breviloba** by PV Bruyns 1981,
 (Pelargonium) **jacobi** (Cape, Namibia),
 (Plectranthus) **succulentus** [w EA Bruce] (Limpopo) 1949 → **Thorncroftia succulenta** by LEW Codd 1961,

(Portulaca) **rhodesiana** [w EA Bruce] (Mozambique, Zimbabwe, RSA) 1949,
(Stapelia) **remota** (Namibia) 1979,
(Stultitia) **hardyi** (Limpopo, Mpumalanga) 1963 (na DS Hardy) —> **Orbea hardyi** by PV Bruyns 2000,
(Tavaresia) **meintjiesii** (Transvaal) 1954 (na CCC Meintjies),
(Urginea) **epigea** (RSA) 1947,
(Urginea) **lydenburgensis** (Mpumalanga) 1942;

transfer species:

“Brachystelma flavidum” (FRR Schlechter 1907) —> **Brachystelma pygmaeum** ssp **flavidum** 1979,
“Brachystelma hirsutum” (EHF Meyer 1837) —> **Raphionacme hirsuta** 1942,
“Brachystelma mafekingensis” (NE Brown) —> **Ceropegia mafekingensis** 1977,
“Ceropegia serpentine” (EA Bruce 1949) —> **Ceropegia stapeliiformis** ssp **serpentina** 1980,
“Ceropegia smithii” (MR Henderson 1945) —> **Ceropegia radicans** ssp **smithii** 1980,
“Cryptostephanus herrei” (FM Leighton 1932) —> **Cyrtanthus herrei** 1959,
“Siphonostelma stenophyllum” (FRR Schlechter 1913) —> **Brachystelma stenophyllum** 1971,
“Stapelia anemoniflora” (A Defflers 1896) —> **Duvalia anemoniflora** [w JJ Lavranos] 1976;

desc subsp:

(Caralluma gerstneri ssp) **elongata** (Mpumalanga, Natal) 1969 —> **Orbea gerstneri** ssp **elongata** by PV Bruyns 2001,
(Ceropegia decidua ssp) **pretoriensis** (Gauteng) 1979;

disc variety:

(Euphorbia enopla var) **viridis** (Eastern Cape) 1939 (desc by BL Sloane, AC White & RA Dyer 1941),
(Euphorbia heptagona var) **ramosa** (Western Cape) 1939 (desc by BL Sloane, AC White & RA Dyer 1941),
(Euphorbia heptagona var) **subsessilis** (Western Cape) 1939 (desc by BL Sloane, AC White & RA Dyer 1941),
(Euphorbia horrida var) **noorsveldensis** (Eastern Cape) 1929 (desc by BL Sloane, AC White & RA Dyer 1941);

desc variety:

(Caralluma bredae var) **thomallae** 1964,
(Hoodia currorii var) **minor** 1966,
(Stapelia desmetiana var) **fergusonae** (Cape) 1931 (na E Ferguson).

[See listing under BL Sloane for other species, subsp &/or var desc &/or transferred by BL Sloane, AC White & RA Dyer.]

Dykinga, JW;

Book [1992] *The Sonoran Desert (Cactaceae)* [w C Bowden] New York; 167p w 121 color photos.

†**Dyvranda**, Agathe (fl. 1914);

species nah:

(Sedum) **dyvrandae** (Peru) (desc & nah by Raymond-Hamet 1914) —> **Villadia dyvrandae** by C Baehni & JF Macbride 1937.

Dzhavachischvili, A; (fl. 1969); Georgia (country); collector;

species nah:

(Sempervivum) **dzhavachischvilii** (USSR) (desc & nah by MZ Gurgenidze 1969);

disc species:

(Sempervivum) **sosnowskyi** (Georgia A) 1938 (desc by SY Ter-Chatschaturova 1947 & na DI Sosnowsky).

E



†**Earle**, Wm **Hubert** [Hubie, Bert] (18 Jun 1906–2 Dec 1984); {W.H.Earle}; Canada to US 1957; salesman first & then horticulturist & specialist in c&s; worked & superintendent at Desert Bot Garden in Papago Park, Tempe, Arizona 1947–57 & became fourth dir 1957–76; wrote articles for *Saguaroland Bulletin* & journals; CSSA Fellow award 1965; IOS member 1973; second spouse Erma Lucille Blessing [née Smith] Earle;

Book [1957–76] *Saguaroland Bulletin*; (editor of),

[1960] *The Southwestern Desert in Bloom* Phoenix; Eng; 32p; (editor of),

[1963] *Cacti, Wildflowers & Desert Plants of Arizona* Phoenix, Arizona; Eng; 16p,

[1963] *Cacti of the Southwest* Phoenix; Eng; 112p; (rev 1980 Tempe, Arizona; 210 w 23 color photos);

desc genus (monotypic):

Cochiseia (Arizona) 1976 (na Cochise, a US Apache Indian Chief) (syn of *Escobaria* B&R);

disc species:

(*Leptocereus*) **arboreus** [NL Britton & JF Cowell] (Cuba) 1911 (desc by NL Britton & JN Rose 1912);

desc species:

(*Cochiseia*) **robbinsorum** (Arizona, Sonora) 1976 (disc by JP Robbins 1975 & nah & his sons JA Robbins & JD Robbins) —> **Escobaria robbinsorum** by DR Hunt 1978.



†**Eastwood**, Alice (19 Jan 1859–30 Oct 1953); {Eastw.}; Canada to Colorado 1873 & to Calif 1892; self-taught botanist; editor of bot journal *Zoe* 1892–94; curator of herbarium & prof of botany at Calif Academy of Sciences, Golden Gate Park, San Francisco, Calif 1892–1949 & had herbaria rebuilt after San Francisco earthquake of 1906; co-founder (w JT Howell) of *Leaflets of*

Western Botany journal 1932~; studied herbaria at Gray Herbarium, NY Bot Garden, British Museum & Royal Bot Gardens at Kew; botanized [w S McKelvey] in New Mex & Arizona 1928 for cacti, agave & yucca; friends of MK & TS Brandegee;

Book [1929] *Studies in the Flora of Lower Calif & Adjacent Islands* San Francisco; Eng; 92p.

[1931] *New Species of Plants from Western N Amer* San Francisco, Calif; Eng; 25p;

species nah:

(*Gormania*) **eastwoodiae** (Calif) (desc & nah by NL Britton 1903) —> **Sedum laxum** ssp **eastwoodiae** by RT Clausen 1975,

(*Sesuvium*) **eastwoodianum** (Galapagos Islands) (desc & nah by JT Howell 1966);

desc species:

(*Dudleya*) **murina** (Calif) 1930 (disc by her 1928) —> **Dudleya abramsii** ssp **murina** by RV Moran 1957,

(*Sedum*) **blochmaniae** (Calif) 1896 (disc by IM Blochman & nah) —> **Dudleya blochmaniae** by RV Moran 1953,

(*Spraguea*) **pulchella** (Calif) 1902 —> **Cistanthe pulchella** by MA Hershkovitz 1990.



†**Eaton**, Mary Emily (27 Nov 1873–4 Aug 1961); British bot artist; to US 1911; bot artist at NY Bot Garden 1911–32 & principal illustrator at Garden's *Addisonia* journal on 80% of 800 color plates; artist for most of paintings & line drawings in NL Britton & JN Rose's

The Cactaceae (1919–23) books; back to Eng 1932.

Ebel, Friedrich (fl. 1988); {F.Ebel};

Book [1986] *Sukkulenten (Lebenskünstler im Pflanzenreich)* = "Sukkulenten (Life artist in the Pflanzenreich)" [w F Kummel & O Birnbaum] Halle, Ger; Ger; 100p.



† **Ebeling**, (Dr) Walter (26 Nov 1907– 17 Dec 2010); US entomologist; PhD in entomology at Univ of Calif, Berkeley 1929; on staff at Univ of Calif, Los Angeles 1946–72 & prof of entomology 1954~; first spouse Ora Mae; second spouse Cora;

Book [1986] *Handbook of Indian Foods & Fibres of Arid Amer (Agavaceae, Cactaceae)* Berkeley, Calif; Eng; 971p.

† **Eberlanz**, Friedrich Gustav (2 Aug 1879–23 Sep 1966); Ger decorator & amateur naturalist; to Namibia 1914; founded museum at Lüderitz, Namibia 1966; collected in Namibia;
genus nah:

Eberlanzia (Namaq) (desc & nah by MHG Schwantes 1926);

disc species:

(Lithops) **halenbergensis** (Namibia) 1924 (desc by A Tischer 1932),

(Mesemb) **eberlanzii** (Namibia) (desc & nah by MK Dinter & MHG Schwantes 1925) —> **Lithops**

karasmontana ssp **eberlanzii** by DT Cole 1988.

† **Echeverria**, [Echaverria, Echeverría Y Godoy,] Atanasio (–1803); Mex artist & illustrator of some 2,400 drawings on M de Sessé & JM Mociño Mex expeditions 1788–1803 & their unpublished *Flora Mexicana*; only tracings of many of these original drawings exist today by artists hired by AP de Candolle;

genus nah:

Echeveria (s & eastern Mex, Central & S Amer) (desc & nah by AP de Candolle 1827 & disc by M de Sesse y Lacasta 1790s).

† **Ecklon**, Christian Friedrich [Frederick, Frederik] (17 Dec 1795–9 Oct 1868); {Eckl.}; Danish chemist, apothecary & botanist; to Cape 1823~; collected in RSA 1823~, at times w CLP Zeyher; founded S African Museum Herbarium 1825 by depositing 325 collected specimens; sent collected plants to G Bentham 1835;

Book [1834–37] *Enumeratio Plantarum Africae Australis Extratopicae* [w CLP Zeyher] Hamburg, Ger; 400p (in 3 parts);

[1834] Part 1; 144p;

[1836] Part 2; 144p;

[1837] Part 3; 112p;

desc genera [w CLP Zeyher]:

Acrosanthes (Cape) 1837,

Citrullus (Africa, Asia) 1836,

Sphaeritis (Cape) 1837 (syn of *Crassula* LINNAEUS);

species nah:

(Cotyledon) **eckloniana** (Namibia, Northern Cape) (desc & nah by WH Harvey 1862) —> **Tylecodon** wallichii ssp **ecklonianus** by HR Tolken 1978,

(Mesemb) **ecklonis** (desc & nah by JMF Salm-Dyck) —> **Delosperma ecklonis** by MHG Schwantes 1927,

(Plectranthus) **ecklonii** (Eastern Cape to Mpumalanga) (desc & nah by G Bentham 1848),

(Tithymalus) **ecklonii** (Western Cape) (desc & nah by JF Kotzsch & CAF Garcke 1860 & disc by

WJ Burchell 1815) —> **Euphorbia ecklonii** by

HE Baillon 1863;

disc species:

(Aloe) **ecklonis** (Lesotho, Eastern Cape, Swaziland, Natal, Free State, Mpumalanga) 1836 (desc & nah by JFM Salm-Dyck 1849),

(Sarcocaulon) **vanderietiae** (Eastern Cape) 1830 (desc by HML Bolus 1932 & na M van de Riet)
—> **Monsonia vanderietiae** by F Albers 1996;

desc species:

(Dioscorea) **sylvatica** (Eastern Cape) 1830;

desc species (w CLP Zeyher):

(Acrosanthes) **angustifolia** (Cape) 1837,

(Acrosanthes) **teretifolia** (Cape) 1837,

(Aizoon) **crystallinum** (Little Namaq, Western Cape) 1837 —> **Galenia crystallina** by OW Sonder 1862,

(Aizoon) **papulosum** (Namibia, Western Cape) 1837 —> **Galenia papulosa** by OW Sonder 1862,

(Aizoon) **pubescens** (Cape, Free State, North-West) 1837 —> **Galenia pubescens** by GC Druce 1917,

(Aizoon) **squamulosum** (Namaq) 1837 —> **Galenia squamulosa** by OW Sonder 1862,

(Bulliarda) **elatinoides** [(Western Cape) 1837 —> **Crassula elatinoides** by HC Friedrich 1979,

(Cotyledon) **filicaulis** [w CLP Zeyher] (Northern Cape, Western Cape) 1837 —> **Adromischus filicaulis**
by CA Smith 1939,

(Cortusina) **velutina** (Eastern Cape) 1835 —> **Pelargonium reniforme** ssp **velutinum** by LL Dreyer 1995,

(Crassula) **rubricaulis** (Western Cape, Eastern Cape) 1837,

(Crassula) **sarcocaulis** (Zimbabwe, Lesotho, Limpopo, Mpumalanga, Natal) 1837,

(Crassula) **vaginata** (Tropical Africa, Lesotho, Eastern Cape, Natal, Mpumalanga, Free State, Limpopo)
1837,

(Cussonia) **paniculata** (Northern Cape, Eastern Cape) 1837,

(Grammanthes) **depressa** (Western Cape) 1837 —> **Crassula depressa** by HR Tolken 1977,

(Grammanthes) **filiformis** (Western Cape) 1837 —> **Crassula filiformis** by DNF Dietrich 1840,

(Grammanthes) **sebaeoides** (Western Cape) 1837 —> **Crassula sebaeoides** by HR Tolken 1975,

(Fagara) **alata** (Namibia, Northern Cape) 1835 —> **Erythrophysa alata** by J Hutchinson 1932,

(Hoarea) **trifoliolata** (Western Cape) 1835 —> **Pelargonium trifoliolatum** by EM Marais 1993,

(Jenkinsonia) **antidysenterica** (Namibia into Northern Cape) 1835 —> **Pelargonium antidysentericum**
by VF Kosteletzky 1836,

(Kalanchoe) **delagoensis** (Mada) 1837,

(Kolleria) **collina** (Western Cape) 1837 —> **Galena collina** by WG Walpers 1843,

(Kolleria) **pallens** (Eastern Cape) 1837 —> **Galena pallens** by WG Walpers 1843,

(Mesemb) **lehmannii** (Eastern Cape) 1837 (na JGC Lehmann) —> **Corpuscularia lehmannii** by

MHG Schwantes 1926,

(Petrogeton) **nemorosum** (Cape) 1837 —> **Crassula nemorosa** by WG Walpers 1843,

(Polyactium) **amatymbicum** (Eastern Cape) 1836 —> **Pelargonium amatymbicum** by WH Harvey 1860,

(Polyactium) **anethifolium** (Western Cape) 1835 —> **Pelargonium anethifolium** by EG von Steudel
1841,

(Polyactium) **caffrum** (Eastern Cape) 1835 —> **Pelargonium caffrum** by WH Harvey 1860,

(Polyactium) **radulifolium** (Eastern Cape, Western Cape) 1835 —> **Pelargonium radulifolium** by

EG von Steudel 1841,

(Purgosea) **sediflora** (Natal, Eastern Cape) 1837 —> **Crassula sediflora** by WG Walpers 1843,

(Sphaeritis) **subaphylla** (Namibia, Cape, Free State) 1837 —> **Crassula subaphylla** by WH Harvey 1862,

(Tetragonia) **chenopodioides** (Western Cape) 1837,

(Tetragonia) **nigrescens** (Northern Cape, Western Cape) 1837

(Tetraphyle) **campestris** (Namibia, Northern Cape, Western Cape, Free State) 1837 —> **Crassula**
campestris by WG Walpers 1843,

(Tetraphyle) **lanceolata** (Western Cape, Eastern Cape, Mpumalanga, Limpopo, Natal, Gauteng, Free State) 1837 —> **Crassula lanceolata** by WG Walpers 1843,
 (Tetraphyle) **parvula** (Eastern Cape) 1837 —> **Crassula muscosa** var **parvula** by HR Tolken 1975,
 (Tetraphyle) **polpodacea** (Eastern Cape) 1837 —> **Crassula muscosa** var **polpodacea** by GD Rowley 1978,
 (Viscum) **crassulae** (Eastern Cape) 1837;
transfer species (w CLP Zeyher):
 “Portulaca caffra” (CP Thunberg 1800) —> **Talinum caffrum** 1836;
desc variety (w CLP Zeyher):
 (Helophytum natans var) **minus** (Western Cape) 1837 —> **Crassula natans** var **minus** by GD Rowley 1978.

†**Ecklund**, GM;
Book [1935–36] *Kaktusboken* Stockholm, Sweden; Swedish; 216p; (in 2 Vols).



†**Edgeworth**, Michael Pakenham (24 May 1812–30 Jul 1881); {Edgew.}; Irish naturalist & bot writer; member of Indian Civil Service in Bengal & Punjab, India 1831~; explored in Aden 1846 & in India & Ceylon; FLS 1842; spouse Christina Edgeworth;
desc species:

(Boucerosia) **edulis** (India, Pakistan, Oman, Saudi Arabia, Iran, Ethiopia, Somalia, Mauritania, Sudan) 1862 (disc by him c1860) —> **Caralluma edulis** by G Benthams & JD Hooker 1876,
 (Rhodiola) **imbricata** (India, Nepal) 1846,
 (Sedum) **adenotrichum** (Pakistan, Afghanistan, India, Nepal) 1846 —> **Rosularia adenotricha** by C-A Jansson 1970,
 (Sedum) **rosulatum** (India, Nepal, Sikkim) 1846 —> **Rosularia rosulata** by H Ohba 1977,
 (Sedum) **sinuatum** (Pakistan, India, Kashmir, Nepal, Tibet, Yunnan) 1846 —> **Rhodiola sinuata** by SH Fu 1965.

Edide, Ing. Jaroslav;
Book [1973] *Jubilejní Sborník: Kaktusy 1922–1972* Praha, Czech Rep; summaries in Eng, Ger & Russian; 167p.



†**Edmonston**, [Edmondstone,] Thomas (20 Sep 1825–24 Jan 1846); {Edmondston}; British naturalist; prof at Anderson's Univ (Univ of Strathclyde) Glasgow, Eng 1845; bot collector on ship *HMS Herald* in 1845–51 voyage along western coast of Americas w J Goodridge; collected at Galapagos Islands 1846;

species nah:
 (Sesuvium) **edmonstonei** (Galapagos Islands) (desc & nah by JD Hooker 1847).

†**Edwards**, Gwendoline (12 Jun 1888–11 Jun 1960); RSA teacher & botanist; BSc at Cape Town Univ 1916;

species nah:
 (Drosanthemum) **edwardsiae** (Cape) (desc & nah by HML Bolus 1932),
 (Mesemb) **edwardsiae** (Western Cape) (desc & nah by HML Bolus 1923) —> **Lampranthus edwardsiae** by L Bolus 1939.

†**Edwards**, (Dr) James Leland [Lee] (1895–31 Jul 1972); US naturalist & civil engineer;

BS at Cornell Univ, Ithaca, NY 1917; employed at HG Balcom & Associates; worked on design of structural frame of Empire State Building; spouse Ruth D [née Chase] Edwards;

subsp nah:

(*Sedum rhodocarpum* ssp) **edwardsii** (Tamaulipas) (desc & nah by RT Clausen 1981) —> **Sedum edwardsii** by BL Turner 1995.

Edwards, (Miss) Sue (14 Jun 1942–); {S.Edwards}; British taxonomic botanist & teacher; MSc at Liverpool Univ, Eng; to Ethiopia 1968~; editor of *Flora of Ethiopia & Eritrea* 1984~; dir of Institute for Sustainable Development, Ethiopia 1996~;

subsp nah:

(*Caralluma gracilipes* ssp) **edwardsiae** (Ethiopia) (desc & nah by MG Gilbert 1977) —> **Caralluma edwardsiae** by MG Gilbert 1990.

Edwards, Trevor J (1960–); {T.J.Edwards}; RSA botanist; collected in RSA; to Australia 2007; **desc species:**

(*Plectranthus*) **malvinus** [w EJ van Jaarsveld] (Eastern Cape) 1997;

(*Plectranthus*) **reflexus** [w EJ van Jaarsveld] (Eastern Cape) 1991;

desc subsp:

(*Plectranthus purpuratus* ssp) **montanus** [w EJ van Jaarsveld] (Mpumalanga, Swaziland) 1997,

(*Plectranthus purpuratus* ssp) **tongaensis** [w EJ van Jaarsveld] (Natal) 1997;

transfer variety:

“*Coleus pentheri*” (RLA Gurke 1905) —> **Plectranthus pentheri** [w EJ van Jaarsveld] 1997,

“*Plectranthus madagascariensis* var *aliciae*” (LEW Codd 1975) —> **Plectranthus aliciae** [w EJ van Jaarsveld] 1997.



†**Een**, [Ein,] Ture Johan Gustaf [Gusgtave] (9 Apr 1837–18 Apr 1883); Sweden; captain in Swedish Merchant Navy, trader & collector; joined expeditions to explore & collect plants in Namibia;

disc species:

(*Huernia*) **oculata** (Angola, Namibia) c1880 (desc by JD Hooker 1882),

(*Caralluma*) **lugardii** (Northern Cape, Namibia, Botswana, Zimbabwe) 1879 (desc by NE Brown 1903 & na EJ Lugard) —> **Orbea lugardii** by PV Bruyns 2001.

Eerenbeemt, B van de; Dutch;

Book [1972] *Cactus; Groene Vingers* [w F Buissink] Amsterdam, Netherlands; Dutch; 16p.

†**Eggeling**, (Dr) Wm Julius [Joe] (18 Jul 1909–10 Feb 1994); {Eggel.}; Scottish forester & naturalist; PhD at Edinburgh Univ 1940; conservator of forests in Uganda 1931–50; dir of Forestry Dept in Tanzania 1950–54; conservation officer of Nature Conservancy in Scotland 1954–70; collected in Uganda; Royal Soc of Edinburgh Fellow 1960; spouse Jessie Elizabeth [née Tothill] Eggeling;

disc species:

(*Euphorbia*) **dichroa** (Uganda) 1936 (desc by S Carter 1982),

(*Euphorbia*) **petraea** (Uganda) 1935 (desc by S Carter 1982).



†**Eggers**, (Baron) Henrik [Heinrich] Franz Alexander von (4 Dec 1844–14 May 1903); {Eggers}; Danish soldier & botanist; collected in West Indies 1869–85 & in Venezuela & Ecuador 1891–97;

Book [1879] *The Flora of St. Croix & the Virgin Islands* Washington DC; Eng; 133p.



Eggli, (Dr) Urs (11 Feb 1959–); {Eggli}; Swiss botanist; MSc w thesis on cactus stomata 1984 & PhD w thesis on genus *Rosularia* at Institut für Systematische Botanik, Univ of Zürich, Switzerland 1988 ; scientific assistant at Sukkulente-Sammlung, Zurich 1986~; assistant curator of Municipal Succ Collection, Zürich 1989~; IOS member 1984 & editor of its annual *Repertorium Plantarum Succulentarum* 1984~; CSSA Fellow award 2007; Monaco Cactus d'Or award 2015; collected in Mada, Caucasus, Turkey, Brazil, Argentina, Uruguay, Chile & Mex;

Book [1980] *Kakteen und Andere Sukkulente Gesamtschlagwort-verzeichnis 1949–79* Erlenbach, Switzerland; Ger; 235p; (editor of),

[1981] *Festschrift Zum 50 Jährigen Bestehen der Städtischen Sukkulente-Sammlung Zürich* [w D Supthut] Zurich, Switzerland; Ger; 57p,

[1983] *Die Gattung Escobaria* = "The Kind Escobaria" Erlenbach; Ger; 148p,

[1984] *Die Gattung Turbinicarpus* = "The Kind Turbinicarpus" Erlenbach; Ger; 42p w 17 color photos by Alfred Fröhlich,

[1985] *Gesamtschlagwort-verzeichnis 35 Jahre Kakteen und Andere Sukkulente* Erlenbach; Ger; 210p; (editor of),

[1985] *Schlagwortverzeichnis Sukkulente-Kunde (1947–63)* Erlenbach; Ger; 30p; (editor of),

[1985] *Hans Krainz—Sein Leben—Seine Veröffentlichungen* [w B Leuenberger] Zurich; Ger; 32p; (editor of),

[1985] *Christmas Cacti*,

[1986] *Schlagwortverzeichnis/Index C. Backeberg: Blätter für Kakteenkunde 1934–38, Blätter für Sukkulente-Kunde 1949* Erlenbach; Ger 12p; (editor of),

[1986] *Schlagwortverzeichnis/Index Hans Krainz: Lieferungswerk, Die Kakteen, Lieferung 1–63 (1956–75)* Erlenbach; Ger; 60p; (editor of),

[1987] *A Type Specimen Register of Cactaceae in Swiss Herbaria (in Zurich)* Erlenbach; Eng/Ger; 124p,

[1987] *C&S of GB Index to CSSGB Journals, Vol 1–44* Oxford, Eng; Eng; 131p; (compiled by),

[1987] *Natl C&SS Index to NCSS Journals, Vol 1–37* Burgess Hill; Eng; 241p; (compiled by),

[1988] *Monographic Study of Genus Rosularia (Crassulaceae)* Sheffield, Eng; Eng; 119p w 4 color plates of 29 photos,

[1990] *Schlagwortverzeichnis Index (Kakteen und andere Sukkulente Band 31–Band 40, 1980–89* Zurich; 64p,

[1991] *IOS Index of Names of Cactaceae pub 1950–90* [w NP Taylor] Kew, Eng; Eng; 222p,

[1993] *Glossary of Bot Terms (with special reference to Succ Plants)* Richmond; 109p,

[1994] *Sukkulente* Stuttgart, Ger; Ger; 336p w 343 color photos,

[1994] *List of Names of Succ Plants (other than Cacti) from Repertorium Plantarum Succulentarum (1950–92* [w NP Taylor] Kew; Eng; 176p,

[1995] *Evolution & Systematics of the Crassulaceae* [w H 't Hart] Leiden, Netherlands; 192p;

[1995] *Bibliography of Succ Plant Periodicals (Friedrich 60)*; Eng/Czech/Ger; 140p,

[1995] *Cactaceae of S Amer: The Ritter Collections* Berlin; 646p,

[1996] *Sukkulente vor der Haustüre*; Ger; 20p,

[1997] *Haworthia & related S African Succ* Zurich; Ger; 24p; (Editor); (Eng edition 1997, edited by H Mays),

[1997] *The CITES Checklist of Succ Euphorbia Taxa (Euphorbiaceae)* [w S Carter] Ger; Ger, Eng; 89p;

[1998] *Bibliography of succ plant periodicals* Sternberg, Czech Rep; 140p,

[1999] *From Adrian Haworth to Haworthia; Haworthia & related S African succ* Preston; 24p,

[2001] *CITES Aloe & Pachypodium Checklist* Kew; Eng; 160p; (Aloe by LE Newton & Pachypodium by GD Rowley & edited by U Eggli);

[2001–03] *Succ Lexicon — Illustrated Handbook of Succ Plants* Berlin, Ger; Eng edition; (in 6 Vols); series editors: U Eggli & HEK Hartmann;
 [2001] Vol 1; *Monocotyledons*; 354p + 32p of color plates w 227 photos; (book editor U Eggli);
 [2001] Vol 2; *Aizoaceae A–E*; 285p + 48p of color plates w 384 photos; (book editor HEK Hartmann);
 [2001] Vol 3; *Aizoaceae F–Z*; 371p + 48p of color plates w 384 photos; (book editor HEK Hartmann);
 [2002] Vol 4; *Asclepiadaceae*; 318p + 48p of color plates w 472 photos; (book editors F Albers & U Meve);
 [2002] Vol 5; *Dicotyledons*; 545p + 44p of color plates w 332 photos; (book editor U Eggli);
 [2003] Vol 6; *Crassulaceae*; 458p + 48p of color plates w 341 photos; (book editor U Eggli);
 [2003] *Sedums of Europe — Stonecrops & Wallpeppers* [w H t'Hart] The Netherlands; Eng; 132p;
 [2004] *Etymological Dictionary of Succ Plant Names* [w LE Newton] Heidelberg, Ger; Eng; 266p;

desc genus:

Dendroportulaca (Mada) 1997;

species nah:

(Sedum) **ursi** (Turkey) (desc & nah by H 't Hart 1990);

desc species:

(Agave) **apedicella** [w J Thiede] (San Luis Potosi) 1999,
 (Agave) **confertiflora** [w J Thiede] (Chihuahua) 1999,
 (Agave) **dolichantha** [w J Thiede] (Jalisco) 1999,
 (Agave) **duplicata** [w J Thiede] (Mex) 1999,
 (Agave) **neonelsonii** [w J Thiede] (Durango) 1999 (na EW Nelson),
 (Agave) **neopringlei** [w J Thiede] (Mex) 1999 (na CG Pringle),
 (Agave) **polianthes** [w J Thiede] 1989,
 (Agave) **producta** [w J Thiede] (Guerrero) 1999,
 (Agave) **rosei** [w J Thiede] (Nayarit) 1999 (na JN Rose),
 (Agave) **stictata** [w J Thiede] (Guerrero) 1999,
 (Dendroportulaca) **mirabilis** (Mada) 1997,
 (Echeveria) **compressicaulis** [w NP Taylor] (Venezuela) 2002,
 (Operculicarya) **borealis** (Mada) 1995,
 (Operculicarya) **hirsutissima** (Mada) 1995,
 (Operculicarya) **pachypus** (Mada) 1995,
 (Opuntia) **wernerii** (Bahia, Minas Gerais) 1992 (disc by UV Eggli, NP Taylor & DC Zappi & na Werner J Uebelmann) —> **Tacinga wernerii** by NP Taylor & WH Stuppy 2002,
 (Rosularia) **blepharophylla** (Turkey) 1987,
 (Sedum) **alexanderi** (Oaxaca) 2001 (na EJ Alexander),
 (Talinella) **microphylla** (Mada) 1997,
 (Talinella) **pachhypoda** (Mada) 1997;

transfer species:

“Agave lata” (LH Shinnars 1951) —> **Agave virginica** ssp **lata** [w J Thiede] 2001,
 “Bravoa bulliana” (JG Baker 1884) —> **Agave bulliana** [w J Thiede] 1999,
 “Cotyledon libanotica” (JJH de Labillardiere 1809) —> **Rosularia sempervivum** ssp **libanotica** 1988,
 “Cereus luetzelburgii” (FKJ Vaupel 1923) —> **Stephanocereus luetzelburgii** [w NP Taylor] 1991,
 “Manfreda chamelensis” (EJ Lott & SE Verhoek-Williams 1991) —> **Agave chamelensis** [w J Thiede] 1999,
 “Manfreda fusca” (PF Ravenna 1987) —> **Agave fusca** [w J Thiede] 2001,

“Manfreda involuta” (R McVaugh 1989) —> **Agave involuta** [w J Thiede] 1999,
 “Manfreda longibracteata” (SE Verhoek-Williams 1978) —> **Agave longibracteata** [w J Thiede] 1999,
 “Manfreda nanchititlensis” (E Matuda 1974) —> **Agave nanchititlensis** [w J Thiede] 1999,
 “Manfreda sileri” (SE Verhoek-Williams 1978) —> **Agave sileri** [w J Thiede] 1999,
 “Polianthes bicolor” (E Solano & AJ Garcia-Mendoza 1998) —> **Agave bicolor** [w J Thiede] 2001,
 “Polianthes graminifolia” (JN Rose 1903) —> **Agave duplicata** ssp **graminifolia** [w J Thiede] 1999,
 “Polianthes howardii” (SE Verhoek-Williams 1976) —> **Agave howardii** [w J Thiede] 1999,
 “Polianthes palustris” (JN Rose 1903) —> **Agave palustris** [w J Thiede] 1999,
 “Polianthes platyphylla” (JN Rose 1903) —> **Agave platyphylla** [w J Thiede] 1999,
 “Sedum marnieri” (H Ohba 1974) —> **Rosularia alpestris** ssp **marnieri** 1988,
 “Sedum radicosum” (PE Boissier & RF Hohenacker 1849) —> **Rosularia radicata** 1988,
 “Umbilicus persicus” (PE Boissier 1843) —> **Rosularia sempervivum** ssp **persica** 1988,
 “Umbilicus pestalozzae” (PE Boissier 1872) —> **Rosularia sempervivum** ssp **pestalozzae** 1988;

disc subsp:

(Tacinga inamoena ssp) **subcylindrica** (Bahia) 1988 & known to MC Machado since his childhood
 (desc by MC Machado & NP Taylor 2003);

desc subsp:

(Rosularia sempervivum ssp) **amanensis** (Turkey) 1987,
 (Rosularia sempervivum ssp) **glaucophylla** (Turkey) 1987,
 (Rosularia sempervivum ssp) **kurdica** (se Turkey) 1988;

transfer subsp:

“Rosularia adenotricha ssp linearifolia” (C-A Jansson 1970) —> **Rosularia modesta** var **linearifolia** 1988;

desc variety:

(Rosularia serpentinica var) **gigantea** (Turkey) 1987 —> **Prometheum serpentinicum** var **giganteum** by
 H 't Hart 1999;

transfer variety:

“Polianthes geminiflora var clivicola” (R McVaugh 1989) —> **Agave duplicata** ssp **clivicola** [w J Thiede]
 1999.

Egide, Jaroslav; Czech horticulturist;

Book [1973] *Jubilejní Sborník, Kaktusy 1922–72* Prague, Czech Rep; Czech; 167p; (editor of).

Ehler, Nesta; Ger botanist at Heidelberg Univ, Ger;

Book [1973] *Mikromorphologie der Cactaceen-Dornen* [w WA Barthlott & R Schill] Mainz, Ger; Ger w brief Eng summary; 23p,

[1973] *Rasterelektronen-mikroskopische Untersuchungen an Cacteen* [w WA Barthlott, R Schill & WHH Rauh]; Ger; 14p,

[1975] *Beiträge Zur Kenntnis der Mikromorphologie der Coroll-Epidermen von Stapelieen und Ihre Taxonomische Verwertbarkeit* Mainz, Ger; Ger; 59p.

Ehmann, H;

Book [1998] *Aloe vera*; 27p.

†**Ehrenberg**, Carl [Karl] August (24 Aug 1801–13 Aug 1849); {C.Ehrenb.}; Ger merchant & amateur botanist (cactus specialist); dir of gold mine at Real del Monte, Hidalgo, Mex 1832–39; collected cactus in Mex & the Antilles in West Indies (1831–40) w T Coulter; brother CG Ehrenberg;

Book [1846] *Beitrag zur Geschichte einiger Mexicanischer Cacteen* Berlin, Ger; Ger; 32p; (reprint in 2000 w 36p),

[1849–50] *Vierzig Neue Mammillarien aus Mex* Berlin, Ger; Ger; (9 articles from Ger garden magazine); (reprint in 1989 w 25p);

disc species:

(Mamm) **humboldtii** (Hidalgo) 1840 (desc by CG Ehrenberg 1840 & na FWH von Humboldt),

(Mamm) **parkinsonii** (Queretaro) 1840 (desc by CG Ehrenberg 1840 & na J Parkinson),

(Mamm) **schiedeana** (Hidalgo) 1837 (desc by CG Ehrenberg 1838 & na CJW Schiede),

(Pachyphytum) **bracteosum** (Hidalgo) 1838 (desc by JF Klotzsch, JHF Link & CF Otto 1841).



† **Ehrenberg**, (Prof) (Dr) Christian Gottfried (19 Apr 1795–27 Jun 1876); {Ehrenb.}; Ger biologist, zoologist, microscopist, micropaleontologist & naturalist; PhD at Berlin Univ 1818; prof of natural science & biology at Univ of Berlin, Ger 1826~; w naturalist Wilhelm Friedrich Hemprich (24 Jun 1796–30 Jun 1825) joined (Gen) Heinrich Menu von Minutoli (12 May 1772–16 Sep 1846)

Expedition to collect in Egypt, Libyan desert, Ethiopia & Arabia 1820–25 & in Siberia 1829; brother CA Ehrenberg;

desc genera:

Desmidorchis 1829 (syn of Caralluma R BROWN),

Pelecyphora (San Luis Potosi, Tamaulipas, Nuevo Leon) 1843;

species nah:

(Sansevieria) **ehrenbergii** (Yemen, Djibouti, Eritrea, Ethiopia, Kenya, Samalia, Sudan, Tanzania) (desc & nah by JG Baker 1875);

disc species:

(Euphorbia) **cactus** (Arabian Peninsula, Sudan, Eritrea) (desc by PE Boissier 1862);

desc species:

(Cereus) **beneckeii** (Mex) 1844 (na A Benecke) —> **Stenocereus beneckeii** by F Buxbaum 1961,

(Desmidorchis) **retrospiciens** (Dahla Island, Sudan, Ethiopia, Somaliland) 1831 (disc by him 1820)

—> **Caralluma retrospiciens** by NE Brown 1892,

(Mamm) **beneckeii** (Sinaloa to Oaxaca) 1844 (na A Benecke),

(Mamm) **bumamma** (Michoacan, Oaxaca) 1849 —> **Coryphantha elephantidens** ssp **bummama** by

RF Dicht & AD Luthy 2001,

(Mamm) **humboldtii** (Hidalgo) 1840 (disc by CA Ehrenberg 1840 & na FWH von Humboldt),

(Mamm) **parkinsonii** (Queretaro) 1840 (disc by CA Ehrenberg 1840 & na J Parkinson),

(Mamm) **schiedeana** (Hidalgo) 1838 (disc by CA Ehrenberg 1837 & na CJW Schiede),

(Pelecyphora) **asseliformis** (San Luis Potosi) 1843 (disc by brothers Tonel).



† **Ehret**, Georg Dionysius [Dionius, Dionys] (30 Jan 1708–9 Sep 1770); {Ehret}; Ger

horticulturist, entomologist, gardener & bot illustrator; gardener to the elector palatine at

Heidelberg & to Margrave Karl III of Baden-Durlach at Karlsruhe; started his artistic talents w

JW Weinmann of Regensburg, Ger by painting some 500 plates for Weinmann's *Phytanthoza Iconographia*

book; CJ Trew was an early painting sponsor in Nuremberg, Ger, & George Clifford (1685–1760) in the

Netherlands another sponsor; assisted C Linnaeus w drawings for his book *Hortus Cliffortianus*; to Eng 1735;

assisted P Miller w drawings for his *Gardener's Dictionary* books; artist on W Aiton's book *Hortus Kewensis*;

botanical illustrator w over 3,000 drawings, many of succ plants; FRS 1757; brother-in-law P Miller;

Book [1750–73] primary artist on *Plantae Selectae* Nuremberg, Ger; edited & pub by CJ Trew; includes plates of *Selenicereus grandiflorus*.

Ehrhart, Christine; {C.Ehrh.}; Ger botanist; collected in Chile;

desc species:

(Senecio) **botijae** (Antofagasta) 1998.

† **Eichlam**, Friedrich [Federico] (1862–18 Jul 1911); {Eichlam}; Ger to Guatemala 1892; cactus collector in Guatemala;

Book [1910] *Kakteen-Verzeichnis* Guatemala; 51p;

species nah:

(Mamm) **eichlamii** (Guatemala, Honduras, Chiapas, Nicaragua) (desc & nah by L Quehl 1908);

disc species:

(Epiphyllum) **guatemalense** (Guatemala, Chiapas) 1910 (desc by NL Britton & JN Rose 1913)

—> **Epiphyllum hookeri** ssp **guatemalense** by R Bauer 2003,

(Epiphyllum) **pumilum** (Belize, Guatemala, Chiapas, Oaxaca, Tabasco, Veracruz) 1910 (desc by NL Britton & JN Rose 1913),

(Lemaireocereus) **eichlamii** (Guatemala) 1909 (desc & nah by NL Britton & JN Rose 1920)

—> **Stenocereus eichlamii** by F Buxbaum 1961,

(Myrtillocactus) **eichlamii** (Guatemala) 1909 (desc & nah by NL Britton & JN Rose 1920),

(Phyllocactus) **eichlamii** (Guatemala) 1905 (desc & nah by W Weingart 1911) —> **Disocactus eichlamii** by NL Britton & JN Rose 1913;

desc species:

(Cereus) **glaber** (Guatemala, El Salvador) 1910 (disc by J Donnell Smith 1892) —> **Weberocereus glaber** by GD Rowley 1982,

(Cereus) **lepidanthus** (Guatemala) 1909 (disc by him 1909) —> **Pachycereus lepidanthus** by NL Britton & JN Rose 1920;

desc variety:

(Cereus trigonus var) **guatemalensis** (Guatemala) 1911 (disc by CC Deam 1909) —> **Hylocereus guatemalensis** by NL Britton & JN Rose 1920.



† **Eichler**, Hansjörg [Hansjoerg] (1 Apr 1916–22 Jun 1992); {H.Eichler}; Ger to Australia 1955; botanist educated in Ger; curator at state herbarium of S Australian 1955~;

transfer species:

2 “*Mesemb praecox*” (FJH von Mueller 1852) —> **Sarcozona praecox** 1965,

“*Trianthema galericulata*” (R Melville 1952) —> **Zaleya galericulata** 1965.

Eilert, GB;

Book [1974] *An Ultrastructural Study of the Development of Raphide Crystal Cells in the Roots of Yucca torreyi* Austin, Texas; 167p.

Ein, TJG — See **Een**, TJG.



† **Einstein**, (Dr) Albert (14 Mar 1879–18 Apr 1955); Ger to Italy 1894 to Switzerland 1896 to Germany 1914 to US 1933; theoretical physicist best known for his theory of relativity:

PhD in physics at Univ of Zürich, Switzerland 1909; Nobel Prize in physics 1921; received numerous honorary degrees from European and Amer Univ; first spouse Mileva [née Marić] Einstein; second spouse Elsa [née Löwenthal] Einstein (–1936);

species nah:

(Rebutia) **einsteinii** (Jujuy, Salta) (desc & nah by AV Fric 1932).



† **Eiten**, (Dr) George (23 Nov 1923–25 Sep 2012); US botanist, plant ecologist, phytogeographer & taxonomist; PhD at Columbia Univ 1959; to Brazil 1959; prof at Botanical Institute of São Paulo 1959–71 & at Univ of Brasília 1971~; explored in Brazil 1959~; first spouse Liene [née Teixeira] Eiten (1925–1979); second spouse Maria [née Aparecida] Eiten;

disc species:

(Portulaca) **eitenii** (Brazil) [w Liene Eiten] (desc by CMD Legrand 1968 & na G Eiten).

† **Eklund**, GM; Swedish horticulturist;

Book [1934] *Hur Mina Kakteer Uppna Full Blomprakt* Stockholm, Sweden; Swedish; 47p,

[1935–36] *Kaktusboken* Stockholm; Swedish;

[1935] Vol 1; 216p;

[1936] Vol 2; 281p.



† **Ekman**, (Dr) Erik Leonard (14 Oct 1883–15 Jan 1931); {Ekman}; Swedish botanist; PhD at Univ of Lund, Sweden 1914; collected plants in Argentina 1907–08, in Santo Domingo 1913, in Cuba 1914, in Haiti 1917 & back in Cuba 1918–24;

species nah:

(Mamm) **ekmanii** (Haiti) 1928 (desc by E Werdermann 1931);

desc species:

(Talinum) **domingense** [w I Urban] (Haiti, Dominican Rep) 1929.

† **Eksteen**, [née van der Bijl,] Aletta Helena; daughter DC van Huyssteen;

disc species:

(Lithops) **divergens** (Western Cape) 1933 (desc by HML Bolus 1934),

(Lithops) **dorotheae** (Little Namaq) 1935 (desc by GC Nel 1939 & na Dorothea C van Huyssteen),

(Ophthalmophyllum) **verrucosum** (Namaq) (desc by MG Lavis 1935) —> **Conophytum verrucosum** by GD Rowley 1978.

El-Azzouni, Marwan; Cairo, Egypt;

disc species:

(Aloe) **orlandi** [w G Orlando] (Somalia) 2003 (desc by JJ Lavranos 2006 & na G Orlando);

desc species:

(Aloe) **seibanica** [w G Orlando] (Yemen) 2010 (disc by them 2004).

El-Gadi, A; {El-Gadi}; Al Faateh Univ, Tripoli, Libya;

Book [1982] *Flora of Libya - Euphorbiaceae* [w SMH Jafri]; Eng; 54p.

Elbert, George A & Virginie F [née Fowler];

Book [1975] *Fun with Growing Odd & Curious House Plants* NYC; Eng; 168p.

Elffers, Jan; Dutch horticulturist;

Book [c1960] *Cactussen an Andere Vetplanten* Hillegom, Netherlands; Dutch; 32p.



Eliasson, (Prof) (Dr) Uno H (1939–); {Eliasson}; Swedish botanist; prof of systematic botany & dir of bot museum at Univ of Gotenberg, Sweden;

transfer species:

“*Portulaca lutea* var *howellii*” (CMD Legrand 1953) —> ***Portulaca howellii*** 1966.



† **Eliovson**, [née Benveniste,] Sima (1 Nov 1919–4 Jun 1990); RSA writer, photographer & lecturer on garden subjects; BA at Univ of Witwatersrand, RSA 1939; chair of Johannesburg branch of Bot Soc of RSA; collected plants in Namaqualand, Western Cape & Transvaal;

Book [1955] *S African Wild Flowers for the Garden* Cape Town, RSA; Eng; 306p,

[1955] *Wild Flowers of Southern Africa* Johannesburg, RSA; Eng; 320p,

[1957] *S African Flowers for the Garden: How to Grow Them; & Use Them for Effect; Bulbs, Annuals, Perennials, Shrubs, Trees, Succ* Cape Town,

[1962] *Discovering Wild Flowers in Southern Africa* Cape Town; Eng; 253p; (color photos by

Ezra Eliovson & forward by RA Dyer),

[1972] *Namaq in Flower* Johannesburg; Eng; 128p w 56 color plates),

[1983] *Garden Design for Southern Africa* Johannesburg; 238p.

† **Elisha**, (Mr) G; supplied plants to NE Brown;

species nah:

(Mesemb) ***elishae*** (Cape) (desc by NE Brown 1916) —> ***Conophytum bilobum*** var ***elishae*** by SA Hammer 2001.

Elix, R;

Book [1986] *Festschrift zum 25-Jährigen Bestehen der Fachgruppe Kakteen und andere Sukkulanten im Kulturbund der DDR* Görlitz, [w E Zitz & M Haude] Ger; 32p.



† **Ellacombe**, (Revd) Henry Nicholson (18 Feb 1822–11 Feb 1916); British clergyman & horticulturist; Vicar of Bitton & Canon of Bristol; urged RL Praeger to write a revision of cultivated Sedums; spouse Emily Aporilla [née Wemyss] (–30 Apr 1897);

species nah:

(Sedum) ***ellacombianum*** (Japan, Korea) (desc & nah by RL Praeger 1917) —> ***Phedimus ellacombianus*** by H 't Hart 1995.



† **Ellemeet**, Willem Cornelis Mary de Jonge van (5 May 1811–1 Jul 1888); Dutch plant lover; friend of GA von Jacobi;

species nah:

(Agave) ***ellemeetiana*** (Mex) (desc & nah by GA von Jacobi 1865).

† **Ellenbeck**, (Dr med) Hans (fl. 1900); Ger physician; medical advisor to Baron Carlo von Erlanger expedition in Somalia & Ethiopia 1900–01;

species nah:

(Adenia) ***ellenbeckii*** (Ethiopia, Somalia, Uganda, Kenya, Tanzania) (desc & nah by HAT Harms 1921),

(Aloe) ***ellenbeckii*** (Ethiopia, Kenya, Somalia) (desc & nah by A Berger 1905),

(Dorstenia) ***ellenbeckiana*** (Ethiopia, Kenya) (desc & nah by HGA Engler 1902),

(Dracaena) ***ellenbeckiana*** (Ethiopia, Kenya, Uganda) (desc & nah by HGA Engler 1903),

(Euphorbia) ***ellenbeckii*** (Ethiopia, Somalia, Kenya) (desc & nah by FA Pax 1903),

(Jatropha) ***ellenbeckii*** (Ethiopia, Somalia, Kenya, Tanzania) (desc & nah by FA Pax 1903),

(Senecio) ***ellenbeckii*** (desc & nah by KAO Hoffmann 1906);

disc species:

(Euphorbia) **rubella** (Ethiopia) 1900 (desc by FA Pax 1903),
(Monadenium) **ellenbeckii** (Ethiopia, Somalia, Kenya) 1901 (desc & nah by NE Brown 1911).

Eller, (Dr) Benno M (c1935–); Swiss bot physiologist lecturer & researcher at Institut für Allgemeine Botanik, Zurich Univ, Switzerland;

Book [1991] *Life Strategies of Succ in Deserts (w Special Reference to the Namib Desert)* [w DJ von Willert, MJA Werger, E Brinkmann & H-D Ihlenfeldt] Cambridge, Eng; Eng; 340p.



Ellert, Anthon FN (1948–); {Ellert}; Zimbabwe to US; chemist & nurseryman; collected in Zimbabwe & RSA; spouse Mary Wilkins;

desc species:

(Aloe) **alexandrei** (Comoro Islands) 2006 (disc by Alexandre Viossat 2000 & nah);

desc variety:

(Aloe ballii var) **makurupiniensis** (Mozambique, Zimbabwe) 1998.

† **Elliott**, Arthur;

Book [1922] *Kirstenbosch – Native Plants at the Natl Bot Gardens* Cape Town, RSA; 14p (12 leaves of plates).

† **Elliott**, CF; British botanist; collected in Kenya 1902–05;

species nah:

(Pterodiscus) **elliottii** (Zambia, Zimbabwe) (desc & nah by O Stapf 1906).

† **Elliott**, Roy Copeman (28 Aug 1916–10 Jul 1989); British horticulturist; had rock garden at Handsworth, Eng; editor of *Quarterly Bulletin* of Alpine Garden Soc 1960~;

Book [1966] *The Genus Lewisia* London, Eng; Eng; 76p w 10 plates.

† **Ellis**, (Dr) Jamuel Leopold (1934–2010); {J.L.Ellis}; Indian botanist; PhD at Calcutta Univ;

desc species:

(Jatropha) **tanjorensis** [w TL Saroja] (India) 1961.

Ellis, John (1961–2019); Eng;

Book [2004] *Beginner's Guide to Cacti & Other Succ* NYC; Eng; 128p,

[2008] *The Cacti Handbook*; Eng; 240p.



† **Elmer**, Adolph Daniel Edward (14 Jun 1870–17 Apr 1942); {Elmer}; US botanist;

MS at Stanford Univ 1903; to Philippines 1904–27; explored & collected in Calif, Philippines, Malaysia & New Guinea;

desc species:

(Dischidia) **livida** (Philippines) 1938,

(Myrmephytum) **beccarii** (Irian Jaya) 1911 (na O Beccari).



† **Elrod**, (Prof) (Dr) Morton John (27 Apr 1863–1953); US botanist, zoologist & biologist;

PhD at Illinois Wesleyan Univ c1887; first prof of biology & prof of zoology at Univ of Montana 1897~;

honorary LLD at Univ of Montana 1938; spouse Emma [née Hartshorn] Elrod;

species nah:

(Sedum) **elrodii** (Montana) (desc & nah by ME Jones 1910).

†**Els**, (Mr) JCM;

disc species:

(Conophytum) **bicarinatum** (Western Cape) 1934 (desc by HML Bolus 1939).

Elster, R-B;

Book [1989] *Gymnocalycium* Ger; Ger; 27p.

†**Emberger**, (Prof) (Dr) Marie Louis (23 Jan 1897–Nov 1969); {Emb.}; French phytosociologist, botanist & ecologist; PhD in plant cytology 1921; dir of botany at Moroccan Scientific Institute & prof of Moroccan Institute of Advanced Studies, Rabat, Morocco 1923–36; collected in Morocco; botany chair at Univ of Montpellier, France 1937~; interested in N African vegetation & collected in Morocco;
desc variety:

(*Sedum atlanticum* var) **luteum** (Morocco) 1936 —> ***Sedum surculosum* var luteum** by RCJ Maire 1977.

†**Emmart**, [née Walcott,] Emily (1898–1984); US cytologist, biologist & bot historian at John Hopkins Univ, Baltimore, Maryland; annotations & translation of 1940 book; ?later surname Trueblood;?
Book [1940] *The Badianus Manuscript (Cobex Barberini, Latin 241)* Baltimore, Maryland; Eng/Latin; 341p; (an Aztec herbal of 1552 w plates & text on cacti, echeveria, sedum, napal, agave); see M de la Cruz.



†**Emory**, (Major-Gen) Wm Hemsley [Helmsley] (7 Sep 1811–1 Dec 1887); {Emory}; US Army Corps of Topographical Engineers; graduate of West Point Military Academy 1831; surveyor, artist & topographer; explored western Amer & collected cacti; led military reconnaissance from Ft. Leavenworth, Kansas, to San Diego, Calif 1846 w artist JM Stanly; commanded the Mex-US Boundary Surveys 1848–53 w physician & botanist JM Bigelow & botanists CC Parry, G Thurber & C Wright; spouse Matilda [née Wilkins Bache] Emory (1819–1900);

Book [1848] *Notes of a Military Reconnaissance, from Fort Leavenworth, in Missouri, to San Diego, in Calif, including parts of the Arkansas, Del Norte, and Gila Rivers* DC; Eng; 416p; (first account of *Cereus giganteus* pub in this report),

[1857–59] Report on the US & Mex Boundary Survey DC; Eng; (in 2 Vols);

[1957] Vol 1, Part 1; 258p;

[1957] Vol 1, Part 2; 174p;

[1859] Vol 2, Part 1; 345p;

[1859] Vol 2, Part 2; 169p;

species nah:

(*Cereus*) **emoryi** (Calif into Lower Calif & adjacent islands) (desc & nah by GT Engelmann 1852 & disc by CC Parry 1850) —> ***Bergerocactus emoryi*** by NL Britton & JN Rose 1909,

(*Echinocactus*) **emoryi** (Sinaloa, Sonora) (desc & nah by GT Engelmann 1856) —> ***Ferocactus emoryi*** by CR Orcutt 1926.

†**Emskötter**, [Emskötter, Emskoetter,] Robert (fl 1910); Ger horticulturist & commercial gardener in Magdeburg, Ger;

species nah:

(Mamm) **emskoetteriana** (Coahuila, Nuevo Leon, Tamaulipas, Texas) (desc & nah by L Quehl 1910) —> ***Escobaria emskoetteriana*** by FJ Borg 1937.

Encina Dominguez, Juan Antonio (1971–); Mex botanist; interested in Oaks;

disc species:

(Agave) **ovatifolia** [w JA Villarreal & MA Carranza] (Nuevo Leon) 2001 (desc by GD Starr & JA Villarreal 2002).



† **Endean**, Thomas Merrifield (fl. 1920s–1930s); British horticulturist & nurseryman in Laindon, Essex; friend of JT Bates; worked w burnt clay in cactus mix cultivation;
Book [1929] *Cacti Culture* London, Eng; Eng; 32p.

Endler, Johannes; Ger clergyman;

Book [1956] *Die Pflanzenfamilie der Kakteen* [w F Buxbaum] Minden, Ger; Ger; 176p.

† **Endlich**, Rudolf (–1915); collected in Brazil, Mex, Paraguay & Tanzania;

disc species:

(Yucca) **endlichiana** (Coahuila) (desc & nah by WA Trelease 1907).



† **Endlicher**, (Prof) Stephan [Stephanus] Friedrich Ladislaus [István László] (24 Jun 1804–28 Mar 1849); {Endl.}; Austrian botanist, numismatist & sinologist; prof of botany at Univ of Vienna & dir of its bot garden 1840~; book below regarded as one of the fundamental writings of systematized botany;

Book [1836–50] *Genera Plantarum Secundum Ordines Naturales Disposita* Vienna;

[1836–41] Parts 1–18; 1,334p;

[1840–50] Supplemental Parts 1–5; 573p;

desc genera:

Brachychiton [w HW Schott] (Australia, New Guinea) 1832,

Fockea (s Africa) 1839 (na HC Focke),

Spherospermum [w EF Poeppig] (Mex to Bolivia, British Guiana, Trinidad, Haiti) 1835,

Zehneria (tropics of Africa, Asia, Malesia, Polynesia, Australia) 1833;

species nah:

(Pelargonium) **endlicherianum** (Turkey) (desc & nah by E Fenzl 1842);

desc species:

(Calandrinia) **lehmannii** (Western Australia) 1848 (na JGC Lehmann) —> **Parakeelya lehmannii** by MA Hershkovitz 1999,

(Fockea) **capensis** (Western Cape, Eastern Cape) 1839,

(Trichosiphym) **australe** [w HW Schott] (Queensland) 1832 —> **Brachychiton australis** by A Terracciano 1898.

Engard, Rodney Gary (1948–); US horticulturist; BS at Arizona State Univ 1970; first dir at Tucson Bot Garden 1968; dir at Desert Bot Garden, Phoenix (8 yrs); collected in n Mex 1973–77;

Book [1984–85] *Arizona C&S* [w artist E Cabat] Tucson, Arizona; Eng;

[1984] Book 1; 32p w 10 color plates by E Cabat;

[1985] Book 2; 32p,

[1989] *The Flowering Southwest (wildflowers, cacti & succ in Arizona, Calif, Colorado, Nevada, New Mex, Texas & Utah)* [w artist E Cabat] Tucson, Arizona; Eng; 119p.

Engel, (Dr) T [?Thomas?]; Ger; IOS member 1985;

Book [1983] *Gattung Notocactus (Untergattungen Brasilicactus & Eriocactus – Theoretisches Arbeitsmaterial* Berlin, Ger; 22p.



† **Engelmann**, (Dr med) Georg [George] Theodor (2 Feb 1809–4 Feb 1884); {Engelm.}; Ger physician, meteorologist, artist, botanist & taxonomist; MD at Univ of Wurzburg, Ger 1831 w thesis *De Antholysi Prodrum* = “Morphology of Plants & Flowers”; to US 1832 & to St. Louis, Missouri 1835~; worked w FA Wislizenus as physicians & botanists; began intensive study of cacti c1840~; botanized w J Torrey in Colorado & A Gray in Virginia; made botanical expeditions to sw US; one of first in US to research & desc a majority of cacti, agaves & yuccas in Texas & sw US; desc over 100 species of cacti 1845–76; his herbarium of c90,000 specimens given to Missouri Bot Garden (established in 1859 by H Shaw) after his death; spouse Dorothea [Dora] [née Hortsmann] Engelmann (10 Mar 1804–28 Jan 1879); **Book** [1845 & 1850] Cactaceae pages of GT Engelmann & A Gray’s *Plantae Lindheimerianae* Boston, Massachusetts; Eng; (in 2 Parts);

[1845] Part 1, 3p;

[1850] Part 2, 14p,

[1848] *Cactaceae of Emory’s Reconnaissance* DC; Eng; 3p,

[1848] *Sketch of the botany of Dr. Wislizenus’ expedition (Memior of a tour to N Mex in 1846–47)* DC; Eng; 28p,

[1849] *Cactaceae of Plantae Fendlerianae* Cambridge, Massachusetts; Eng; 4p,

[1852] *Notes on the Cereus Giganteus of se Calif & Other Calif Cactaceae* New Haven, Connecticut; Eng; 4p,

[1856] *Description of the Cactaceae Collected on Route near the Thirty-fifth Parallel (1853–54)* [w JM Bigelow] DC; Eng; Part 3 w 32p,

[1856] *Synopsis of the Cactaceae of the Territory of the US and Adjacent Regions* Cambridge, Massachusetts; Eng; 56p; (1988 reprint w 40p & 60 plates),

[1859] *Cactaceae of the Boundary Survey* DC; Eng; 78p; (1986 reprint w 78p & 75 plates),

[1861] *Cactaceae of the Ives Exploration (Colorado River of the West) 1857–58* Washington DC; Eng; 3p,

[1863] *Additions to the Cactus-Flora of the Territory of the United States* St Louis, Missouri; Eng; 7p,

[1876] *Cactaceae of Simpson’s Expedition (Exploration across the Great Basin of the Territory of Utah)* DC; Eng; 7p,

[1878] *Cactaceae of Wheeler’s Exploration (US Geographical Surveys west of the 100th Meridian w First (Lt) GM Wheeler)* DC; Eng; 5p;

*GT Engelmann was first to use the name **Coryphantha** as a subgenus of genus **Mammillaria** in 1856 which was increased to generic status by AC Lemaire 1868;

desc genus:

Echinocereus (Mex & sw US) 1848;

species nah:

(Agave) **engelmanni** (desc & nah by W Trelease 1891),

(Cereus) **engelmannii** (Calif, Nevada, Arizona, Sonora, Baja Calif) (desc & nah by GT Engelmann 1852 & disc by C Parry 1849/50) —> **Echinocereus engelmannii** by AC Lemaire 1868,

(Opuntia) **engelmannii** (Chihuahua, Aguascalientes, Chihuahua, Coahuila, Neuvo Leon, San Luis Potosi, Tamaulipas, Zacatecas, Durango) (desc & nah by JFM Salm-Dyck 1850 & disc by FA Wislizenus 1846);

disc species:

(Yucca) **arkansana** (Oklahoma, Texas, Arkansas) 1837 (desc by WA Trelease 1902);

desc species:

(Agave) **bracteosa** (Coahuila) 1882,

(Agave) **desertii** (Arizona, Baja Calif) 1875,

(Agave) **falcata** (Coahuila, Durango, Zacatecas, Nuevo Leon, San Luis Potosi) 1875 —> **Agave striata** ssp **falcata** by HS Gentry 1982,
 (Agave) **palmeri** (Chihuahua, Sonora, Arizona, New Mex) 1875 (na E Palmer),
 (Agave) **parryi** (New Mex, Arizona, Durango, Chihuahua) 1875 (na CC Parry),
 (Agave) **schottii** (Arizona, New Mex, Sonora) 1875 (na ACV Schott),
 (Agave) **shawii** (Calif, Baja Calif) 1875 (na H Shaw),
 (Agave) **utahensis** (Utah, Nevada, Arizona, Calif) 1871,
 (Cereus) **berlandieri** (Texas) 1856 (na JL Berlandier) —> **Echinocereus berlandieri** by FA Haage 1859,
 (Cereus) **chloranthus** (Texas, New Mex, Chihuahua) 1856 (disc by C Wright 1952) —> **Echinocereus viridiflorus** ssp **chloranthus** by NP Taylor 1997,
 (Cereus) **ctenoides** (Texas, Coahuila, Chihuahua) 1856 (disc by JM Bigelow 1853) —> **Echinocereus pectinatus** ssp **ctenoides** by GRW Frank 1997,
 (Cereus) **emoryi** (Calif, Lower Calif & adjacent islands) 1852 (disc by CC Parry 1850 & na WH Emory) —> **Bergerocactus emoryi** by NL Britton & JN Rose 1909,
 (Cereus) **fendleri** (Texas, New Mex, Utah, Arizona, Colorado, Sonora, Chihuahua) 1849 (disc by A Fendler 1846 & nah) —> **Echinocereus fendleri** by F Seitz 1870,
 (Cereus) **giganteus** (Arizona, Calif, Sonora) 1852 (disc by JO Pattee 1825) —> **Carnegiea gigantea** by NL Britton & JN Rose 1908,
 (Cereus) **greggii** (Texas, Chihuahua, Zacatecas, Coahuila, Durango, Nuevo Leon, Sonora) 1848 (disc by J Gregg 1847 & nah) —> **Peniocereus greggii** by NL Britton & JN Rose 1909,
 (Cereus) **longisetus** (Coahuila) 1856 (disc by JM Bigelow 1853) —> **Echinocereus longisetus** by AC Lemaire 1868,
 (Cereus) **mojavensis** [w JM Bigelow] (Baja Calif, Calif, Arizona, Nevada, Utah) 1856 —> **Echinocereus triglochiciatus** ssp **mojavensis** by W Blum & M Lange 1998,
 (Cereus) **paucispinus** (Coahuila, Texas) 1856 —> **Echinocereus coccineus** ssp **paucispinus** by W Blum, M Lange & J Rutow 1998,
 (Cereus) **procumbens** (Texas, Tamaulipas) 1849 —> **Echinocereus pentallophus** ssp **procumbens** by W Blum & M Lange 1998,
 (Cereus) **schottii** (Arizona, Sonora, Sinaloa, Baja Calif) 1856 (disc by ACV Schott 1855 & nah) —> **Pachycereus schottii** by DR Hunt 1987,
 (Cereus) **stramineus** (Texas, New Mex, Chihuahua, Coahuila, Durango, Nuevo Leon, San Luis Potosi) 1856 (disc by C Wright 1851) —> **Echinocereus stramineus** by F Seitz 1870,
 (Cereus) **thurberi** (Arizona, Sonora, Sinaloa, Lower Calif) 1854 (disc by G Thurber 1851 & nah) —> **Stenocereus thurberi** by F Buxbaum 1961,
 (Echinocactus) **brevihamatus** (Texas, Coahuila, Nuevo Leon) 1856 —> **Sclerocactus brevihamatus** by DR Hunt 1991,
 (Echinocactus) **emoryi** (Sinaloa, Sonora) 1856 (na WH Emory) —> **Ferocactus emoryi** by CR Orcutt 1926;
 (Echinocactus) **intertextus** (Texas, Arizona, New Mex, Chihuahua, Coahuila, Sonora) 1856 —> **Echinomastus intertextus** by NP Taylor 1987,
 (Echinocactus) **johnsonii** (Arizona, Calif, Nevada Utah) 1871 (disc by JE Johnson 1870 & nah) —> **Sclerocactus johnsonii** by NP Taylor 1987,
 (Echinocactus) **lecontei** (Calif, Arizona, Nevada, Utah, Sonora) 1856 (disc by JM Bigelow 1854 & na JL LeConte) —> **Ferocactus cylindraceus** ssp **lecontei** by NP Taylor 1998,
 (Echinocactus) **parryi** (Chihuahua) 1856 (disc by CC Parry & nah),
 (Echinocactus) **polyancistrus** [w JM Bigelow] (Calif, Nevada) 1856 —> **Sclerocactus polyancistrus** by

NL Britton & JN Rose 1922,
 (Echinocactus) **polycephalus** [w JM Bigelow] (Nevada, Calif, Arizona, Sonora) 1856,
 (Echinocactus) **pubispinus** (Nevada, Utah) 1863 (disc by him 1959 → **Sclerocactus pubispinus** by
 LD Benson 1966,
 (Echinocactus) **setispinus** (Texas, Tamaulipas) 1845 → **Thelocactus setispinus** by EF Anderson 1987,
 (Echinocactus) **simpsonii** (Colorado, Nevada, Utah, Montana, Idaho, Wyoming, South Dakota, Oregon,
 Washington, New Mexico, Arizona) 1863 (disc by JH Simpson 1859 & nah) → **Pediocactus simpsonii** by
 NL Britton & JN Rose 1913,
 (Echinocactus) **unguispinus** (Chihuahua, Zacatecas, Durango, San Luis Potosi) 1848 (disc by
 FA Wislizenus) → **Sclerocactus unguispinus** by
 NP Taylor 1987,
 (Echinocactus) **whipplei** [w JM Bigelow] (Arizona, Utah) 1856 (disc by JM Bigelow 1853 & na
 AW Whipple) → **Sclerocactus whipplei** by
 NL Britton & JN Rose 1922,
 (Echinocactus) **wislizeni** (New Mex, Arizona, Texas, Chihuahua, Sonora) 1848 (disc by FA Wislizenus
 1846 & nah) → **Ferocactus wislizeni** by NL Britton & JN Rose 1922,
 (Echinocereus) **adustus** (Chihuahua) 184
 (Echinocereus) **coccineus** (New Mex, Arizona, Utah, Colorado) 1848,
 (Echinocereus) **dasyacanthus** (Texas, New Mex, Chihuahua, Coahuila) 1848 (disc by FA Wislizenus
 1846),
 (Echinocereus) **enneacanthus** (New Mex, Texas, Chihuahua, Durango, Coahuila, San Luis Potosi, Nuevo
 Leon) 1848,
 (Echinocereus) **polyacanthus** (Chihuahua, Durango) 1848 (disc by FA Wislizenus 1846),
 (Echinocereus) **triglochidiatus** (Arizona, New Mex, Colorado) 1848 (disc by FA Wislizenus 1846),
 (Echinocereus) **viridiflorus** (New Mex, Colorado, Wyoming, S Dakota, Kansas, Oklahoma, Texas) 1848
 (disc by FA Wislizenus 1846),
 (Fouquieria) **splendens** (sw US, n Mex) 1848 (disc by FA Wislizenus 1847),
 (Mamm) **barbata** (Chihuahua) 1848 (disc by FA Wislizenus 1846),
 (Mamm) **compacta** (Chihuahua, Durango) 1848 (disc by FA Wislizenus) → **Coryphantha compacta** by
 NL Britton & JN Rose 1923,
 (Mamm) **dasyacantha** (New Mexico, Texas, Chihuahua, Coahuila) 1856 (disc by C Wright 1852)
 → **Escobaria dasyacantha** by NL Britton & JN Rose 1923,
 (Mamm) **echinus** (Texas, Coahuila, Chihuahua) 1856 (disc by C Wright 1849) → **Coryphantha echinus**
 by CR Orcutt 1922
 (Mamm) **fissurata** (Texas, Coahuila, Chihuahua, Durango) 1856 (disc by ACV Schott 1852)
 → **Ariocarpus fissuratus** by KM Schumann 1894,
 (Mamm) **grahamii** (Texas, Arizona, New Mex) 1856 (disc by C Wright 1852 & na JD Graham),
 (Mamm) **gummifera** (Chihuahua) 1848 (disc by FA Wislizenus 1846) → **Mammillaria heyderi** ssp
gummifera by DR Hunt 1997,
 (Mamm) **hemisphaerica** (Texas, Tamaulipas, Nuevo Leon) 1850 (disc by St. Louis Volunteers in Mex
 War 1846) → **Mamm heyderi** ssp **hemisphaerica** by DR Hunt 1997,
 (Mamm) **lasiacantha** (Texas, New Mex, Chihuahua, Coahuila, Durango, Sonora, Zacatecas) 1856,
 (Mamm) **macromeris** (New Mex, Coahuila, San Luis Potosi, Chihuahua) 1848 (disc by FA Wislizenus
 1846) → **Coryphantha macromeris** by
 AC Lemaire 1868,
 (Mamm) **meiacantha** (New Mex, Texas, Arizona, Coahuila to Zacatecas) 1856 (disc by JM Bigelow 1853)
 → **Mamm heyderi** ssp **meiacantha** by

DR Hunt 1997,

(Mamm) **micromeris** (Arizona, New Mex, Texas, Chihuahuas, Coahuila, Durango) 1856 —> **Epithelantha micromeris** by NL Britton & JN Rose 1922,

(Mamm) **papyracantha** (Arizona, New Mex) 1849 (disc by A Fendler 1847) —> **Sclerocactus papyracanthus** by NP Taylor 1987,

(Mamm) **recurvata** (Arizona, Sonora) 1863 (disc by ACV Schott 1855) —> **Coryphantha recurvata** by NL Britton & JN Rose 1923,

(Mamm) **robustispina** (Sonora, Arizona) 1856 —> **Coryphantha robustispina** by NL Britton & JN Rose 1923,

(Mamm) **sulcata** (Coahuila, Nuevo Leon, Tamaulipas, Texas) 1845 (disc by FJ Lindheimer 1844) —> **Coryphantha sulcata** by NL Britton & JN Rose 1923,

(Mamm) **tetrancistra** (Nevada, Utah, Arizona, Calif, Sonora, Baja Calif) 1852 (disc by CC Parry 1850),

(Mamm) **tuberculosa** (Texas, New Mex, Chihuahua, Coahuila, Durango, Nuevo Leon) 1856 (disc by JM Bigelow 1852) —> **Escobaria tuberculosa** by NL Britton & JN Rose 1923,

(Mamm) **wrightii** (New Mex, Texas, Arizona, Sonora, Chihuahua) 1856 (disc by C Wright 1851 & nah),
(Opuntia) **acanthocarpa** [w JM Bigelow] (Arizona, Calif, Nevada, Utah, Baja Calif, Sonora) 1856 (disc by JM Bigelow 1854) —> **Cylindropuntia acanthocarpa** by FM Knuth 1936,

(Opuntia) **arbuscula** (Arizona, Sinaloa, Sonora) 1856 —> **Cylindropuntia arbuscula** by FM Knuth 1936,
(Opuntia) **basilaris** [w JM Bigelow] (Arizona) 1856 (disc by JM Bigelow 1854),

(Opuntia) **bigelovii** (Arizona, Calif, Nevada, New Mex, Sonora, Lower Calif) 1856 (disc by JM Bigelow 1854 & nah) —> **Cylindropuntia bigelovii** by FM Knuth 1936,

(Opuntia) **bulbispina** (Coahuila, Durango, Zacatecas, Nuevo Leon) 1856 (disc by HCJ Gregg c1847) —> **Corynopuntia bulbispina** by FM Knuth 1936,

(Opuntia) **chlorotica** [w JM Bigelow] (Sonora, Baja Calif, Chihuahua, New Mex, Arizona, Utah, Nevada, Calif) 1856 (disc by JM Bigelow 1853),

(Opuntia) **clavata** (New Mex) 1848 —> **Corynopuntia clavata** by FM Knuth 1936,

(Opuntia) **davisii** [w JM Bigelow] (Texas, New Mex, Oklahoma) 1856 (na J Davis) —> **Cylindropuntia davisii** by FM Knuth 1936,

(Opuntia) **echinocarpa** [w JM Bigelow] (Nevada, Arizona, Calif, Sonora, Baja Calif) 1856 —> **Cylindropuntia echinocarpa** by FM Knuth 1936,

(Opuntia) **emoryi** (Mex) 1856 —> **Corynopuntia emoryi** by MP Griffith 2002,

(Opuntia) **fulgida** (Arizona, Sonora, Sinaloa) 1856 —> **Cylindropuntia fulgida** by FM Knuth 1936,

(Opuntia) **grahamii** (Texas, New Mex, Chihuahua, Coahuila, Durango, Zacatecas) 1856 (disc by JD Graham & nah) —> **Corynopuntia grahamii** by FM Knuth 1936,

(Opuntia) **macrocentra** (Arizona, Texas, New Mex, Chihuahua, Coahuila, Sonora) 1856 (disc by C Wright 1852),

(Opuntia) **macrorhiza** (Arkansas, Missouri, Kansas, Oklahoma, Texas, New Mex, Colorado, Utah, Arizona, Chihuahua) 1850,

(Opuntia) **phaeacantha** (New Mex) 1849 (disc by A Fendler 1846),

(Opuntia) **prolifera** (Calif, Baja Calif) 1852 —> **Cylindropuntia prolifera** by FM Knuth 1936,

(Opuntia) **pulchella** (Nevada) 1863 (disc by H Engelmann 1859) —> **Corynopuntia pulchella** by FM Knuth 1936,

(Opuntia) **ramosissima** (Nevada, Arizona, Calif, Sonora, Baja Calif) 1852 (disc by CC Parry 1849–50) —> **Cylindropuntia ramosissima** by FM Knuth 1936,

(Opuntia) **rufida** (Texas, Chihuahua, Coahuila, Durango) 1856 (disc by JM Bigelow 1852),

(Opuntia) **schottii** (Texas, Coahuila) 1856 (disc by HW Schott 1853 & nah) —> **Corynopuntia schottii** by FM Knuth 1936

(*Opuntia*) **stenopetala** (Coahuila, Queretaro, Hidalgo, Durango, Guanajuato, Nuevo Leon, San Luis Potosi, Tamaulipas, Zacatecas) 1856 (disc by HCJ Gregg 1848),
 (*Opuntia*) **strigil** (Texas, Nuevo Leon, Chihuahua, Coahuila) 1856 (disc by C Wright 1851),
 (*Opuntia*) **thurberi** (Sonora, Sinaloa) 1856 (na G Thurber) —> **Cylindropuntia thurberi** by FM Knuth 1936,
 (*Opuntia*) **whipplei** [w JM Bigelow] (New Mex, Arizona, Colorado, Utah) 1856 (disc by JM Bigelow 1853 & na AW Whipple) —> **Cylindropuntia whipplei** by FM Knuth 1936,
 (*Portulaca*) **lanceolata** (US west of Mississippi River) 1850 —> **Portulaca umbraticola** ssp **lanceolata** by JF Matthews & DW Ketron 1991,
 (*Portulaca*) **suffrutescens** (Arizona to Arkansas, Mex s to Guerrero) 188
 (*Talinum*) **calycinum** (Nebraska s to Texas, Missouri, Arkansas) 1848,
 (*Yucca*) **brevifolia** (Calif, Nevada, Utah, Arizona) 1871,
 (*Yucca*) **elata** (Arizona, New Mex, Texas) 1882 (disc by FA Wislizenus 1846),
 (*Yucca*) **schottii** (Arizona, New Mex, Sonora, Chihuahua);

transfer species:
 “*Echinocactus pectinatus*” (MJF Scheidweiler 1838) —> **Echinocereus pectinatus** 1848;

desc variety:
 (*Cereus pectinatus* var) **rigidissimus** (Arizona, New Mexico, Sonora) 1856 (disc by ACV Schott 1855)
 —> **Echinocereus gidissimus** by FA Haage 1897,
 (*Cereus phoeniceus* var) **pacificus** (Baja Calif) 1886 (disc by CC Parry 1883) —> **Echinocereus pacificus** by FA Haage 1897,
 (*Cereus viridiflorus* var) **cylindricus** (Coahuila, New Mexico, Texas) 1856 (disc by C Wright 1851)
 —> **Echinocereus viridiflorus** ssp **cylindricus** by NP Taylor 1997,
 (*Echinocactus viridescens* var) **cylindraceus** (Sonora, Arizona, Calif) 1852 (disc by CC Parry 1849/50)
 —> **Ferocactus cylindraceus** by CR Orcutt 1926,
 (*Echinocactus uncinatus* var) **wrightii** (New Mexico, Texas) 1856 (disc by C Wright 1852 & nah)
 —> **Sclerocactus uncinatus** ssp **wrightii** by NP Taylor 1998,
 (*Echinocactus whipplei* var) **spinosior** (Utah) 1863 (disc by him 1859) —> **Sclerocactus spinosior** by D Woodruff & LD Benson 1976,
 (*Jatropha macrorhiza* var) **septemfida** (Arizona, New Mex, Chihuahua) 1878
 (*Opuntia engelmannii* var) **littoralis** (Baja Calif, Calif) 1876 (disc by ? Titman 1874) —> **Opuntia littoralis** by TDA Cockerell 1905,
 (*Opuntia whipplei* var) **spinosior** (Chihuahua, Durango, Sonora, Arizona, New Mex) 1856 (disc by ACV Schott 1855) —> **Cylindropuntia spinosior** by FM Knuth 1936,
 (*Yucca rupicola* var) **rigida** (Durango, Chihuahua, Coahuila) 1873 —> **Yucca rigida** by WA Trelease 1902.

† **Engelmann**, Henry (1831–1899); Ger to US; geologist & meteorologist on 1859 Simpson expedition; collected specimens for brother
 GT Engelmann;

disc species:

(*Opuntia*) **pulchella** (Nevada) 1859 (desc by GT Engelmann 1863) —> **Corynopuntia pulchella** by FM Knuth 1936.



† **Engler**, (Prof) (Dr) Heinrich Gustav **Adolf** [Adolph] (25 Mar 1844–10 Oct 1930); {Engl.}; Ger botanist, taxonomist, phytogeographer & systematist; PhD at Univ of Breslau 1866; curator of bot collection at Munich 1871–78; prof of botany at Univ of Kiel 1878–84, at Univ of Breslau 1884–89 &

at Univ of Berlin 1889–21; dir at bot garden & museum, Dahlem, Ger 1889–21; interested in plant taxonomy & geography; classified plant kingdom using his own phylogenetic system; African succ flora expert; founder & editor of periodical *Botanische Jahrbücher* c1880; editor of book *Das Pflanzenreich* 1900~; explored in Tanganyika, RSA & Namibia; Linnean Medal 1913; spouse Marie Engler (1854–1943);

Book [1887] *Die Lilaceae* Berlin; 83p,

[1887–34] *Die Natürlichen Pflanzenfamilien* [w KAE Prantl] Leipzig, Ger, Ger; (in 32 Vols); primary illustrator Joseph Pohl (1864–1939) produced more than 33,000 drawings in 6,000 plates or these volumes and other books over a 40-year period; second edition edited by HGA Engler ≈1930 & by others 1930~;

[1925] Vol 21; Cactaceae; by FKJ Vaupel; 57p;

[1930] Vol 15a; Dioscoreaceae; by RGP Knuth; 24p;

[1930] Vol 15a; Liliaceae; by K Krause; 159p;

[1930] Vol 18a; Crassulaceae; by A Berger; 131p; w supplement by

HAT Harms; 492p;

[1931] Vol 19a; Burseraceae; by HGA Engler; 51p;

[1931] Vol 19c; Euphorbiaceae; by FA Pax & K Hoffmann; 222p; w

supplement by HAT Harms; 240p;

[1934] Vol 16c; Aizoaceae; by FA Pax & K Hoffman; 587p;

[1934] Vol 16c; Portulacaceae; by FA Pax & K Hoffman; 615p,

[1900–53] *Das Pflanzenreich Regni Vegetabilis Conspectus* Weisbaden, Ger; Latin/Ger; in 280 Family #s; a composite work by many authors; (1956 & 1991 reprints);

[1908] #IV 38; Liliaceae-Asphodeloideae-Aloineae; by A Berger; 347p;

(reprinted 1991 by D-D Singh);

[1910] #IV 145; Euphorbiaceae-Jatrophaeae; by FA Pax; 148p;

[1924] #IV 43; Dioscoreaceae; by RGP Knuth; 387p;

desc genus:

Echinothamnus (Namibia) 1892;

species nah:

(Horridocactus) **engleri** (Chile) (desc & nah by F Ritter 1959 & disc by F Ritter 1954) —> **Eriosyce engleri** by F Kattermann 1994,

(Hoya) **engleriana** (Cambodia, Laos, Vietnam, Thailand) (desc & nah by CC Hosseus 1907),

(Mesemb) **englerianum** (Namibia) (desc & nah by MK Dinter & A Berger 1914) —> **Malephora**

engleriana by MK Dinter & MHG Schwantes 1928,

(Sedum) **adolphi** (Veracruz) (desc & nah by Raymond-Hamet 1912 & disc by CA Purpus 1907),

(Sedum) **engleri** (China) (desc & nah by Raymond-Hamet 1910),

(Stapelia) **engleriana** (Northern Cape, Western Cape) (desc & nah by FFR Schlechter 1905 & disc by J Burke 1841);

disc species:

(Caralluma) **priogonium** (Kenya, Somalia, Tanzania, Ethiopia) 1902 (desc by KM Schumann 1905),

(Euphorbia) **breviarticulata** (Kenya, Somalia, Ethiopia, Tanzania) 1902 (desc by FA Pax 1904),

(Euphorbia) **heterapoda** (Tanganyika) 1902 (desc by FA Pax 1904) —> **Monadenium heteropodum** by NE Brown 1913,

(Haworthia) **engleri** (Namaq) 1913 (desc & nah by MK Dinter 1914) —> **Haworthia tessellata** var **engleri** by JKL von Poellnitz 1938,

(Trichocaulon) **engleri** (Namibia, Cape) c1910 (desc & nah by MK Dinter 1914);

desc species:

(Adenia) **globosa** (Tanzania, Kenya, Somalia) 1891,

(Adenia) **lanceolata** (Sudan, Uganda, Tanzania) 1891,

(Adenia) **scheffleri** [w HAT Harms] (Tanzania, Kenya, Zambia, Malawi) 1921 (na G Scheffler) —> **Adenia lanceolata** ssp **scheffleri** by WJ de Wilde 1969,
 (Aloe) **confusa** (Kenya, Tanzania) 1895,
 (Aloe) **hereroensis** (Angola, Namibia, Northern Cape) 1888,
 (Aloe) **lateritia** (Kenya, Tanzania) 1895,
 (Aloe) **metallica** [w EF Gilg] (Angola) 1903,
 (Aloe) **secundiflora** (Ethiopia, Kenya, Rwanda, Tanzania) 1895 (disc by GLA Volkens 1893),
 (Aloe) **volkensii** (Tanzania, Kenya) 1895 (disc by GLA Volkens 1893 & nah),
 (Bursera) **galeottiana** (Mex) 1881 (na HG Galeotti),
 (Bursera) **schlechtendalii** (Mex) 1883 (na DFL von Schlechtendal),
 (Ceropegia) **meyeri-johannis** (Kenya, Uganda, Tanzania, Malawi, Mozambique, Zaire, Zambia, Eastern Cape) 1892 (na Johannes Meyer),
 (Commiphora) **dinteri** (Namibia) 1910 (na KM Dinter),
 (Commiphora) **saxicola** (Namibia) 1888,
 (Commiphora) **virgata** (Namibia) 1894,
 (Crassula) **illichiana** (Tanzania, Uganda, Malawi) 1907 (na ? Illich) —> **Crassula globularioides** ssp **illichiana** by HR Tolken 1975,
 (Crassula) **volkensii** (Tanzania, Kenya) 1895 (na GLA Volkens),
 (Dioscorea) **elephantipes** 1908,
 (Dorstenia) **buchananii** (Tanzania, Malawi, Zambia, Zimbabwe, Mozambique) 1894 (disc by J Buchanan 1892 & nah),
 (Dorstenia) **ellenbeckiana** (Ethiopia, Kenya) 1902 (na H Ellenbeck),
 (Dorstenia) **goetzei** (Tanzania, Kenya) 1900 (disc by F Goetze & nah),
 (Dorstenia) **hildebrandtii** (Tanzania, Kenya) 1894 (na JM Hildebrandt),
 (Dorstenia) **preussii** (Sierra Leone, Mali, Dahomey, Guinea Bissau, Nigeria, Cameroon, Ethiopia) 1898 (na PR Preuss) —> **Dorstenia cuspidata** var **preussii** by MEE Hijman 1990,
 (Dorstenia) **schlechteri** (Uganda, Kenya, Tanzania, Zaire, Burundi, Rwanda, Mozambique) 1898 (na FRR Schlechter) —> **Dorstenia hildebrandtii** var **schlechteri** by MEE Hijman 1989,
 (Dorstenia) **warneckei** (Kenya, Tanzania) 1911,
 (Echinothamnus) **pechuelii** (Namibia) 1891 (na E Pechuel-Loesche) —> **Adenia pechuelli** by HAT Harms 1897,
 (Kalanchoe) **baumii** [w EF Gilg] (na H Baum),
 (Kalanchoe) **lateritia** (central & eastern Africa) 1895,
 (Kalanchoe) **neumannii** (Ethiopia) 1907 (na O Neumann) —> **Kalanchoe petitiiana** var **neumannii** by G Cufodontis 1965,
 (Kalanchoe) **nyikae** (Kenya, Tanzania) 1895,
 (Kalanchoe) **obtusa** (Kenya, Tanzania) 1895,
 (Kalanchoe) **prittwitzii** (Sudan, Somalia, Ethiopia) 1907 (na H von Prittwitz),
 (Kalanchoe) **usambarensis** [w Raymond-Hamet] (Tanzania) 1913,
 (Mesemb) **dinteri** (Namaq, Western Cape) 1909 (na MK Dinter) —> **Psilocaulon dinteri** by MHG Schwantes 1928,
 (Mesemb) **hantamense** (Namaq) 1909 —> **Antimima hantamensis** by HEK Hartmann & D Stuber 1993,
 (Mesemb) **luederitzii** (Namibia) 1909 (na ? Luederitz) —> **Drosanthemum luederitzii** by MHG Schwantes 1927,
 (Mesemb) **nakurense** (Ethiopia, Kenya, Tanzania) 1909 —> **Delosperma nakurense** by AGJ Herre 1948,
 (Mesemb) **oehlerii** (Kenya, Tanzania) 1909 (disc by F Jaeger & E Oehler 1906 & na E Oehler) —> **Delosperma oehlerii** by AGJ Herre 1948,

(Mesemb) **rupicola** (Great Namaq) 1909 → **Ruschia rupicola** by MHG Schwantes 1926
 (Mesemb) **schimperi** (Eritrea, Ethiopia) 1909 (na GHW Schimper) → **Delosperma schimperi** by HEK Hartmann & I Niesler 1991,
 (Moringa) **hildebrandtii** (Mada) 1902 (na JM Hildebrandt),
 (Moringa) **longituba** (Ethiopia, Somalia, Kenya) 1902,
 (Notonia) **amaniensis** (Tanzania) 1905 (disc by him 1902) → to **Senecio amaniensis** by HJ Jacobsen 1951,
 (Pterodiscus) **angustifolius** (Mozambique, Tanzania) 1894,
 (Pterodiscus) **ruspolii** (Ethiopia, Somalia, Kenya) 1897 (na E Ruspoli),
 (Pyrenacantha) **malvifolia** (Ethiopia, Somalia, Kenya, Tanzania) 1893,
 (Sansevieria) **braunii** [w K Krause] (Tanzania) 1910 (na CPJ Braun),
 (Sarcocaulon) **marlothii** (Namibia) 1889 (na HWR Marloth) → **Monsonia marlothii** by F Albers 1996,
 (Sedum) **meyeri-johannis** (Kenya, Tanzania, Uganda) 1892 (na Johannes Meyer),
 (Sesamothamnus) **busseanus** (Ethiopia, Somalia, Kenya, Tanzania) 1902 (na W Busse),
 (Sesamothamnus) **guerichii** (Namibia) 1953 (na G Gurich),
 (Sesamothamnus) **rivae** (Somalia, Ethiopia, Kenya, Tanzania) 1897 (na D Riva),
 (Streptocarpus) **saxorum** (Tanzania, Kenya) 1894,
 (Tetragonia) **arbusculoides** (Angola, Namibia, Northern Cape) 1913,
 (Tetragonia) **rangeana** (Great Namaq) 1913,
 (Zamioculcas) **zamiifolia** (Kenya, Tanzania, Malawi, Zimbabwe, Mozambique, Natal) 1905;

transfer species:

“Balsamodendrum capense” (OW Sonder 1860) → **Commiphora capensis** 1883,
 “Elaphrium fagaroides” (CS Kunth 1824) → **Bursera fagaroides** 1881,
 “Modecca aculeata” (JD Hooker 1880) → **Adenia aculeata** 1881,
 “Modecca digitata” (WH Harvey 1859) → **Adenia digitata** 1891,
 “Modecca kirkii” (MT Masters 1871) → **Adenia kirkii** 1891,
 “Modecca stricta” (MT Masters 1871) → **Adenia stricta** 1921,
 “Modecca trisecta” (MT Masters 1871) → **Adenia trisecta** 1891,
 “Modecca welwitschii” (MT Masters 1871 → **Adenia welwitschii** 1891,
 “Modecca wrightiana” (R Wight & GAW Arnott 1834) → **Adenia wightiana** 1891;
 “Paschanthus repandus” (WJ Burchell 1822) → **Adenia repanda** 1891,
 “Tamus elephantipes” (CL L’Heritier 1788) & from “Testudinaria elephantipes” (RA Salisbury 1824)
 → **Dioscorea elephantipes** 1908.

Engler, Johannes;

Book [1965] *Pflanzen Familie der Kakteen* [w F Buxbaum] Minden, Ger; Ger; 160p.



† **English**, [Inglés,] Carl Schurz, Jr (1904–1976); {English}; US landscape gardener, horticulturist & botanist: *Carl S English, Jr Bot Garden*, Seattle, Washington developed by him 1931–74 & nah; spouse Edith [née Hardin] English;

desc species:

(Lewisia) **rupicola** (Washington, British Columbia, Oregon) 1934 → **Lewisia columbiana** var **rupicola** by CL Hitchcock 1964.

† **English**, (Mrs) N (fl. 1917);

isc species:

(Mesemb) **englishiae** (Western Cape) (desc & nah by HML Bolus 1922) → **Prenia englishiae** by

M Gerbaulet 1996.



English, Sandal; US desert food historian; food editor at The Dallas Morning News ≈1969 & at Arizona Daily Star newspaper 1969~; spouse Pritch English (–1979);
Book [1981] *Fruits of the Desert* Phoenix, Arizona; Eng; 181p.

Epiphyllum Soc of Amer; Monrovia, Calif;

Book [1983] *The ESA Epiphyllum directory of Species & Hybrids* Monrovia; Eng; 164p; (first edition in 1976).



† **Eppele**, David L (4 Apr 1939–19 May 2005); US in Bisbee, Arizona; commonly known as 'El Jefe of Arizona'; curator & pres of Arizona C&S Research Garden; editor of *Arizona Cactus News*; spouse Jan Eppele;

Book [1986] *Desert in Bloom* Bisbee, Arizona, Eng; 36p w 70 color photos,
[1996] *C&S for the High Deserts*; Eng; 12p.

Epple, [née Orth,] Anne; US nature writer; spouse Lewis E Epple;

Book [1995] *A Field guide to the plants of Arizona* Helena, Montana ; Eng; 247p w over 900 color photos by Lewis E Epple.

† **Erdis**, Ellwood C (1867–1944); US topographer & archeologist; chief archeological engineer at Natl Geographic Soc & on the Yale Univ Peruvian expedition 1912–14; superintendent on excavation of Inca site at Machu Picchu in Peru; disc the plant named *Erdisia squarrosa* in 1914;

genus nah:

Erdisia (desc & nah by NL Britton & JN Rose 1920) (syn of *Corryocactus* B&R).

Erehman, B;

Book [1970] *Kaktusy* [w C Tirduev & P Sedeh]; russian; 296p.



† **Erens**, Jan (5 Aug 1911–5 Feb 1982); Netherlands to RSA 1914; horticulturist; worked in city parks dept, Pretoria, RSA 1930–35; horticulturist at division of botany, Pretoria 1935–49; control superintendent of gardens, Pretoria 1949–75; collected on 'Pole Evans Central & East African Expedition' 1938;

disc species:

(Aloe) **babatiensis** [w IB Pole Evans] (Tanzania) 1938 (desc by HB Christian & IC Verdoorn 1954),
(Aloe) **erensii** (Kenya, Sudan) 1938 [w IB Pole Evans] (desc & nah by HB Christian 1940),
(Aloe) **mubendiensis** [w IB Pole Evans] (Uganda) 1938 (desc by HB Christian 1942),
(Aloe) **nyeriensis** [w IB Pole-Evans] (Kenya) 1938 (desc by IC Verdoorn 1952),
(Aloe) **turkanensis** (Kenya, Uganda) 1938 (desc by HB Christian 1942),
(Cotyledon) **adscendens** (Eastern Cape) 1938 (desc by RA Dyer 1949),
(Echidnopsis) **repens** (Kenya, Tanzania) 1938 (desc by RA Dyer & IC Verdoorn 1939).

Erichman, WT; Russian;

Book [1974] *Kaktusy* [w SJ Turdiev & RW Sedych] Alma-Ata, Russia; Russian; 272p.



† **Erni**, Frantz Sales (1 Feb 1878–13 Nov 1952); Switzerland to RSA 1899; prospector & farmer; collected in Namibia; worked w A Tischer; spouse Martha Erni; son HFJ Erni;

disc species:

(Conophytum) **ernianum** (Namaq) c1928 (desc & nah by A Loesch & A Tischer 1933)
—> **Conophytum taylorianum** ssp **ernianum** by SA Hammer 1993,
(Lithops) **gesineae** (Namibia) 1938 (desc by HW de Boer 1955 & na Gesine de Boer),
(Sarcocaulon) **flavescens** (Northern Cape, Namibia) (desc by SEA Rehm 1935) —> **Monsonia flavescens**
by F Albers 1996,
(Sarcocaulon) **peniculinum** (Namibia) (desc by RO Moffett 1979) —> **Monsonia peniculina** by F Albers
1996.

† **Erni**, Herbert FJ; Austria; father FS Erni;

disc species:

(Conophytum) **densipunctum** (Namibia) c1926 (desc by HML Bolus 1930) —> **Conophytum quaesitum**
ssp **densipunctum** by SA Hammer 1993,
(Conophytum) **loeschianum** (Namibia) (desc by A Tischer 1931 & na A Loesch),
(Conophytum) **ricardianum** (Namibia) c1928 (desc by A Loesch & A Tischer 1931 & na
Richard Grassner).

† **Escobar**, [Escobar Zerman,] Numa Pompilio (14 Aug 1874–9 Mar 1949) & Zerman Rómulo
(17 Feb 1872–12 Jan 1946); brothers from Juárez & Mex City, Mex; authors on flora of Mex c1900;

genus na them:

Escobaria (Cuba, Mex, Canada, US) (desc & na them by NL Britton & JN Rose 1923).



† **Escobedo**, Fernando **Pámanes** (19 Feb 1909–10 Mar 2005); Mex military officer &
politician; governor of Zacatecas 1974–80; helped AB Lau in his explorations in Mex;

species nah:

(Echinocereus) **pamanesii** (Zacatecas) (desc & nah by AB Lau 1981 & disc by AB Lau 1974).

† **Escontria**, [Escontría Ruiz de Bustamante,] Blas (2 Feb 1848 –4 Jan 1906); Mex engineer;
governor of State of San Luis Potosi 1898–1905; interested in all scientific developments for his country;

genus nah:

Escontria (Guerrero, Michoacan, Oaxaca Puebla) (desc & nah by JN Rose 1906).

Esenbeck, Christian Gottfried Daniel Nees von — See **Nees von Esenbeck**, Christian Gottfried
Daniel.



Eslamieh, Jason; US horticulturist; degree in architecture & environmental design at
Arizona State Univ, Tempe 1978; campus architect at the Univ 1978-2004; co-owner of
Miniatree Garden 2004~; interested in genera *Boswellia*, *Bursera* & *Commiphora*;

Book [2011] *Cultivation of Boswellia: Sacred Trees of Frankincense* Phoenix, Arizona; Eng; 196p w
many color photos,

[2014] *Cultivation of Bursera, Frankincense of the Americas*; Eng; 320p,

[2017] *The Genus Boswellia, Preservation Through Horticulture* Fort Collins, Colorado; Eng; 176p (a
revision of 2011 book).

† **Espinosa**, [Espinosa-Bustos,] (Prof) Marcial Ramon (30 Jun 1874–8 Aug 1959); {Espinosa};

Chilean botanist & cryptogamist; prof at Instituto Pedagógico, Santiago 1900–02 & at Concepción 1903–11; founder & prof of cryptogamic botany at Chilean Natl Natural History Museum, Santiago, Chile 1911~; collected in Chile, Galapagos Islands & Ecuador;

species nah:

(Tetragonia) **espinosae** (Chile) (desc & nah by C Munoz-Pizarro 1939).

† **Esposto Baglietton**, Nicola [Nicolás] Emilio (19 Nov 1877–15 Apr 194);

Peruvian botanist; prof & one of founders of Natl School of Agriculture at La Molina (now known as Natl Agrarian Univ), Lima, Peru;

genus nah:

Espostoa (Bolivia, Ecuador, Peru) (desc & nah by NL Britton & JN Rose 1920).

Esser, (Prof) (Dr) Gerd Alois (20 Feb 1942–); Ger; PhD (student of WHH Rauh) at Heidelberg Univ 1970; prof of botany & plant ecologist at Justus Liebig Univ; IOS member 1989;

Book [1970] *Beitrag zur Kenntnis der Vegetationszonen in Paraguay mit Besonderer Berücksichtigung der Kakteenvegetation* Heidelberg, Ger; Ger; (PhD thesis),

[1982] *Vegetationsgliederung und Kakteenvegetation von Paraguay* Mainz, Ger; Ger; 113p.

Essman, H;

disc subsp:

(Conophytum ricardianum ssp) **rubriflorum** (Namibia) 1954 (desc by A Tischer 1958).



† **Esterhuysen**, (Miss) Elsie Elizabeth (11 Apr 1912–31 May 2006); {Esterh.};

RSA botanist; botanist at Bolus Herbarium, Cape Town, RSA 1938~;

honorary MSc at Cape Town Univ 1989; authority on & prolific collector of Cape flora;

genus nah:

Esterhuysenia (Cape) (desc & nah by HML Bolus 1967);

species nah:

(Bulbine) **esterhuyseniae** (Western Cape) (desc & nah by H Baijnath 1987),

(Delosperma) **esterhuyseniae** (Cape) (desc & nah by HML Bolus 1959),

(Erepsia) **esterhuyseniae** (Western Cape) (desc & nah by HML Bolus 1939),

(Gibbaeum) **esterhuyseniae** (Western Cape) (desc & nah by HML Bolus 1958),

(Lampranthus) **esterhuyseniae** (Little Namaq) (desc & nah by HML Bolus 1958),

(Ruschia) **esterhuyseniae** (Western Cape) (Desc & nah by HML Bolus 1950);

disc species:

(Crassula) **elsiae** (Western Cape) (desc & nah by H Toelken 1975),

(Esterhuysenia) **alpina** (Western Cape) 1948 (desc by HML Bolus 1967).



Esteves Pereira, Charles; Goiás, Brazil; father E Esteves Pereira; spouse

Vânia Maria [née Pinho Tavares];

disc species:

(Opuntia) **estesvii** [w E Esteves Pereira] (Bahia) 1984 (desc by PJ Braun 1990 & na E Esteves Pereira) —> **Tacinga axatilis** ssp **estesvii** by WH Stuppy & NP Taylor 2002.



Esteves Pereira, Eddie (30 Nov 1939–24 Feb 2022); {Esteves}; Goiás, Brazil;

Brazilian explorer; spouse Lindevalda [Linda] [née Borges] Pereira; sons C & R Esteves Pereira;

Book [2002] *Die Kakteen Brasiliens* = "Cacti of Brazil" [w PJ Braun]; Ger/Eng; 235p,
[2003] *Brazil & Its Columnar Cacti* [w PJ Braun]; Eng; 56p;

genus nah:

Estevesia (Brazil) (desc & nah by PJ Braun 2009);

desc genera:

Pierrebraunia (Brazil) 1997 (na Pierre J Braun),

Sicobaccatus [w PJ Braun] 1990 (syn of *Micranthocereus* BACKEBERG);

species nah:

(*Austrocephalocereus*) **estevesii** (Goias, Minas Gerais, Tocantins) (desc & nah by AFH Buining & AJ Brederoo 1975) —> **Micranthocereus estevesii** by F Ritter 1979,

(*Euphorbia*) **estevesii** (Goias) (desc & nah by NFA Zimmermann & PJ Braun 2000),

(*Facheiroa*) **estevesii** (Bahia) (desc & nah by PJ Braun 1986 & disc by E Esteves Pereira 1984)

—> **Facheiroa cephalomelana** ssp **estevesii** by NP Taylor & DC Zappi 1997,

(*Melocactus*) **estevesii** (Brazil) (desc & nah by PJ Braun 1989);

disc species:

(*Cereus*) **estevesii** [w PJ Braun] (Minas Gerais) 1999 (desc & nah by PJ Braun 2004),

(*Opuntia*) **estevesii** [w C Esteves Pereira] (Bahia) 1984 (desc by PJ Braun 1990 & na E Esteves Pereira)

—> **Tacinga saxatilis** ssp **estevesii** by WH Stuppy & NP Taylor 2002;

desc species:

(*Cereus*) **pierre-braunianus** (Goias) 2003 (disc by him 1998 & na Pierre J Braun),

(*Coleocephalocereus*) **braunii** [w L Diers] (Espírito Santo) 1985 (na PJ Braun),

(*Coleocephalocereus*) **diersianus** [w PJ Braun] (Brazil) 1988,

(*Discocactus*) **diersianus** (Goias) 1979 (disc by him c1978 & na L Diers),

(*Dyckia*) **grandidentata** [w PJ Braun] (Mato Grosso do Sul) 2008 (disc by E Esteves Pereira & PJ Braun 1988),

(*Dyckia*) **richardii** [w PJ Braun] (Goias) 2008 (disc by E Esteves Pereira 1964 & na Richard Esteves Pereira),

(*Floribunda*) **bahiensis** [w PJ Braun] (Bahia) 1993 (disc by E Esteves Pereira 1988) —> **Pierrebraunia bahiensis** by E Esteves Pereira 1997,

(*Melocactus*) **alex-bragai** [w PF Braun] (Bahia) 2008 (disc by L Horst & AFH Buining 1960s & na Alex Braga Nascimento),

(*Melocactus*) **braunii** (Bahia) 2003 (disc by PJ & B Braun & E Esteves Pereira 1993 & na PJ Braun),

(*Pierrebraunia*) **brauniorum** (Minas Gerais) 1999 (disc by him 1999 & na PJ & B Braun),

(*Pilosocereus*) **flexibilispinus** [w PJ Braun] (Bahia, Goiás) 1990 (disc by E Esteves Pereira 1980),

(*Pilosocereus*) **mollispinus** [w PJ Braun] (Goias) 2004 (disc by PJ Braun & E Esteves Pereira 2000),

(*Pilosocereus*) **pusillibaccatus** [w PJ Braun] (Goiás) 1986 (disc by E Esteves Pereira 1982),

(*Pseudopilocereus*) **diersianus** (Brazil) 1981 (disc by him 1974) —> **Pilosocereus diersianus** by PJ Braun 1988,

(*Pseudopilocereus*) **parvus** [w L Diers] (Bahia, Goiás) 1982 (disc by E Esteves Pereira 1978)

—> **Pilosocereus parvus** by PJ Braun 1988,

(*Pseudopilocereus*) **vilaboensis** [w L Diers] (Goiás) 1983 —> **Pilosocereus vilaboensis** by PJ Braun 1988,

(*Tacinga*) **braunii** (Minas Gerais) 1989 (na PJ Braun),

(*Turbiniarpus*) **swobodae** [w L Diers] (Nuevo Leon) 1987 (disc by H Swoboda & nah);

transfer species:

"*Cereus melanurus*" (KM Schumann 1890) —> **Arthrocereus melanurus** [w L Diers & PJ Braun] 1987,

"*Echinopsis yungasensis*" (F Ritter 1980) —> **Echinopsis bridgesii** ssp **yungasensis** [w PJ Braun] 1995,

“*Frailea conceptionensis*” (AFH Buining & G Moser 1971) —> ***Frailea schilinzkyana* ssp *conceptionensis*** [w PJ Braun] 1995,

“*Frailea horstii*” (F Ritter 1970) —> ***Frailea gracillima* ssp *horstii*** [w PJ Braun] 1995,

“*Gymnocalycium matoense*” (AFH Buining & AJ Brederoo 1975) —> ***Gymnocalycium marsoneri* ssp *matoense*** [w PJ Braun] 1995,

“*Uebelmannia flavispina*” (AFH Buining & AJ Brederoo 1973) —> ***Uebelmannia pectinifera* ssp *flavispina*** [w PJ Braun] 1995,

“*Uebelmannia meninensis*” (AFH Buining 1968) —> ***Uebelmannia gummifera* ssp *meninensis*** [w PJ Braun] 1995.



Esteves Pereira, Richard; Goáis, Brazil; father E Esteves Pereira;

species nah:

(Dykia) **richardii** (Goais) (desc & nah by PJ Braun & E Esteves Pereira 2008 & disc by E Esteves Pereira 1964).

Etlicher, Lyne; French writer;

Book [1998] *Aloe vera. Potentiel Limites et Emplois Besançon*; 196p.

Etoh, Yuji; Japanese horticulturist; **Book** [1995] *Conophytum Handbook (Cultivated in Japan)* [w H Hirao] Fukushima, Japan; Japanese; 128p w 589 color photos.

Ettelt, (Dr) Joerg [Jörg] E (1958–); Ger chemical engineer; PhD at Dresden, Ger 1986; editor of 'Kakteen Sukkulenten' journal in Dresden 1982–90; article writer for Ger C&S journals 1981~; IOS member 2004;

Book [2002] *Advices for Cacti Friends*; Ger.



Etter, Julia (1968–); Switzerland to Austria to Mexico to US; photographer, explored in Mex & US southwest; interested in Crassulaceae & Agavaceae families; spouse M Kristen;

disc species:

(Echeveria) **juliana** [w M Kristen] (Sinaloa) 2010 (desc & na Julia Etter by J Reyes-Santiago, O Gonzalez-Zorzano & M Kristen 2012);

desc species:

(Sedum) **kristenii** [w J Reyes-Santiago & O Gonzalez-Zorzano] (Durango) 2012 (disc by M Kristen & nah).

† **Euphorbus**, (Dr med) (fl. 5BC to 5AD); corpulent Greek physician of Juba II, King of Mauritania in n Africa; (Euphorbus in Greek means “well-fed”); used *Euphorbia antiquorum* to heal Augustus Caesar of a disease from which he suffered for many yrs;

genus nah:

Euphorbia (disc & nah by King Juba II in 12BC) (desc by C Linnaeus 1753).

Evanich, John M;

Book [1987] *Index of Cactus Illustrations* Bisbee, Arizona; Eng; 529p.

Evans, Doris; US; Tucson, Arizona; spouse DB Evans;

Book [1980] *Saguaro Globe*, Arizona; Eng; 58p,

[1993] *Saguaro Natl Park* Tucson, Arizona SW Parks & Monument; Eng (w a Ger translation as insert in Eng version); 16p.

Evans, Douglas B; US naturalist; Chief Park Naturalist at Big Bend Natl Park, Texas 1961–66; spouse Doris Evans;
Book [1998] *Cactuses of Big Bend Natl Park* [w photographers RH Wauer & D Evans] Austin, Texas; Eng; 96p w 52 color photos.

Evans, FJ;
Book [1987] *The Euphorbiales (Chemistry, Taxonomy & Economic Botany)* [w T Reynolds, DF Cutler & SL Jury] London, Eng; Eng; 326p.

†**Evans**, (Mr) FV; Liverpool, Eng;

species nah:

(Ceropegia) **evansii** (India) (desc & nah by YMC McCann 1913).

Evans, Jasper Owen (1924–); forester at Kenya Forest Dept, Kenya 1947–56; farmer & rancher in Kenya 1956~; explored in Kenya, Sudan, Somalia, Namibia, Rhodesia, China & Mongolia;

disc species:

(Aloe) **powysiorum** [w JGL & PG] (Kenya) c1987 (desc & na them by LE Newton & HJ Beentje 1990),
(Euphorbia) **baioensis** [w JGL Powys] (Kenya) 1976 (desc by S Carter 1982).

†**Evans**, Maurice Smethurst (30 Jul 1854–9 Apr 1920); {M.S.Evans}; Eng to Natal 1875; businessman & politician; co-author in first of six volumes of *Natal Plants* [1899–12] by JM Wood;

species nah:

(Senecio) **evansi** (Natal) (desc & nah by NE Brown 1895).

†**Evans**, Richard Irving (1902–); US; MS at Univ of Wisconsin, Madison 1928;

Book [1928] *Floral Development of Pereskia aculeata* Madison, Wisconsin; Eng; 16p; (MS thesis).



†**Evans**, Ronald L (1922–2011); British horticulturist; founded Sedum Soc in Eng w R Stephenson & Keith Powell 1987;

Book [1971] *A Gardener's Guide to Sedums* London, Eng; Eng; 44p,

[1983] *Handbook of Cultivated Sedums* Northwood, Eng; Eng; 345p w 212 color plates.

†**Evans**, (Mr) WA;

disc species:

(Sansevieria) **suffruticosa** (Kenya) 1903 (desc by NE Brown 1915).

Everett, Percy C; US in Calif;

Book [1957] *A Summary of the Culture of Calif Plants at the Rancho Santa Ana Bot garden 1927–1950* Claremont, Calif.

Everitt, Don L;

Book [1949] *Great Scott — The Thrill of Cactus-Growing* Nottingham, Eng; Eng; 14p; first cultivation booklet pub by NCSS.



Everitt, James H (1944–); US naturalist; MS in range science at Texas A&M Univ; range scientist at USDA, Weslaco, Texas 1972~;

Book [1993] *Trees, Shrubs, & Cacti of South Texas* [w DL Drawe] Lubbock, Texas; Eng; 213p w 193 color photos.

† **Evermann**, (Prof) (Dr) Barton Warren (24 Oct 1853–27 Sep 1932); US biologist, zoologist & ichthyologist; PhD at Indiana Univ 1891; prof of biology at Indiana State Normal School, Terre Haute 1886–91; ichthyologist at US Bureau of Fisheries, DC 1891–14 & lectured in zoology at Cornell & Yale universities 1893–1906; dir of Calif Academy of Sciences, San Francisco 1914–26; lecturer in zoology at Stanford Univ 1926~; organized scientific expedition to Gulf of Calif 1921;

species nah:

(Neomammillaria) **evermanniana** (Baja Calif & adjacent islands) (desc & nah by NL Britton & JN Rose 1923 & disc by IM Johnston 1921) —> **Mamm evermanniana** by CR Orcutt 1926.



Everson, Charles (**Chuck**) Howard (23 Feb 1940–); US horticulturist; co-owner [w GR Williams] of Rainbow Gardens Nursery 1978~ & Bookshop, Vista, Calif 1980–2005 & 2010~; CSSA Librarian, Publications Chairman & Book Reviews Coordinator 1992–2002; IOS member 1991; CSSA Superior Service award 2001; bookseller again 2010~;

Book [1979] *Directory of Epiphyllums & other Related Epiphytes* [w GR Williams] Vista, Calif; Eng; 230p.

† **Evrard**, (Dr) François [Francis] (11 May 1885–3 Jul 1957); {Evrard}; French botanist; collected in Indo-China 1920–30;

species nah:

(Aeschynanthus) **evrardii** (Vietnam) (desc & nah by F Pellegrin 1926).

† **Ewald**, Ernst (1946–2001); {Ewald}; Ger in Hamburg, Ger; grower of epiphytic cacti;

species nah:

(Rhipsalis) **ewaldiana** (Rio de Janeiro) (desc & nah by WA Barthlott & NP Taylor 1995).



† **Ewart**, (Prof) (Dr) Alfred James (12 Feb 1872–12 Sep 1937); {Ewart}; British botanist; PhD at Leipzig 1896; to Java 1896–97; lecturer at Birmingham Univ 1897–1906; to Australia 1906; prof of botany at Australasian Univ, Melbourne, Australia, & Victoria government botanist 1906~; FLS 1898; FRS 1922; first spouse Florence Maud [née Donaldson] Ewart; second spouse

Elizabeth [née Bilton] Ewart;

desc species:

(Aizoon) **glabrum** (western Australia) 1908 —> **Gunniopsis glabra** by CA Gardner 1930,

(Aizoon) **rodwayi** (western Australia) 1908 (na FA Rodway) —> **Gunniopsis rodwayi** by CA Gardner 1930,

(Calandrinia) **eremaea** (Australia) 1921 —> **Parakeelya eremaea** by MA Hershkovitz 1999.

† **Ewers**, [Evers,] Johann Philipp **Gustav** von (27 Jul 1779–20 Nov 1830); Ger legal historian; to Russia 1803~; prof of history, statistics & geography at Unif of Dorpat, Russia (Tartu in Estonia) 1810–26; promoter of CF von Ledebour's bot exploration in Siberia;

species nah:

(Sedum) **ewersii** (Afghanistan, India, Pakistan, Siberia, Mongolia, Tibet, China) (desc & nah by CF von Ledebour 1829) —> **Hylotelephium ewersii** by H Ohba 1977.

† **Exell**, (Dr hc) Arthur Wallis (21 May 1901–15 Jan 1993); {Exell}; British systematic botanist & taxonomist; worked in herbarium at Natural History Museum, London, Eng 1924–62 & deputy keeper of botany 1950–62; studied flora on islands in Gulf of Guinea 1932–33; collected & studied flora in Angola 1937 &

Rhodesia, Mozambique & Nyasaland 1955; honorary doctorate at Univ of Coimbra, Portugal 1962; spouse Mildred Alice [née Haydon] Exell;

desc species:

(Ceraria) **carrissoana** [w F de A Mendonca] (Angola) 1939 (na LW Carrisso),
Cissus) **uter** [w F de A Mendonca] (Angola, Namibia) 1952 → **Cyphostemma uter** by BM Descoings
1967,
(Sedopsis) **carrissoana** [w F de A Mendonca] (Angola) 1939 → **Portulaca carrissoana** by BL Nyananyo
1986.



†**Eyles**, Frederick (10 May 1864–28 May 1937); Eng to Zimbabwe 1899; farmer, miner, botanist, mycologist & journalist; government botanist in Zimbabwe 1923–28; collected some 9,000 specimens in Southern Rhodesia 1902~; pub 'A Record of Plants Collected in Southern Rhodesia' w Royal Soc of S Africa 1916;

disc species:

(Schizoglossum) **eylesii** (Zimbabwe, Malawi) (desc & nah by SLM Moore 1914) → **Aspidoglossum eylesii** by FK Kupicha 1984.

F



Fabian, Anita (22 Aug 1934–); RSA succ botanical artist; trained at Michaelis School of Fine Art in Cape Town, RSA; spouse Donald Fabian;

Book [1982] *Transvaal Wild Fowers* [w G Germishuizen] Johannesburg, RSA; 292p w 134 color plates; (paintings by A Fabian),

[1992] *Succ of the Transvaal* [w DS Hardy & G Germishuizen] RSA; Eng/Afrikaans; 138p; (art illustrations by A Fabian),

[1997] *Wildflowers of Northern South Africa* [w G Germishuizen] Vlaeberg, RSA; 472p (paintings by AFabian),

†**Fabre**, Louis Auguste;

Book [1881] *Étude sur l'Aloes au Point de vue Botanique, Chimique et Pharmacologique* Montpellier, France; French; 56p.

Fabregues, [Peyre de Fabrègues,] (Dr) Bernard (1936–); French ecologist at Institute of Breeding & Veterinary Medicine of Tropical Countries, France;

Book [1966] *Les Cactées Fourragères dans le Nord-est Brésilien (Etude Ecologique)* Maisons-Alfort, France; French; 80p w 8 photos.



†**Fabricius**, Johan Christian (7 Jan 1745–3 Mar 1808); {J.Fabr.}; Danish entomologist & economist; student of C Linnaeus 1762–64; specialist on insects; prof of natural history, economy & finance at Univ of Kiel 1777–89;

Book [1789] *Geographical-Genealogical Map of the Affinities of Plants Drawn after the Natural Orders of Linnaeus* [w PD Giseke],

1792] *Foregatherings of Plants in Natural Orders* [w PD Giseke]; (students of C Linnaeus that detailed his attempted natural system, added quality of the sap as a new element in classification).

Faden, [née Evans,] Audrey Joy (1941–); US naturalist & botanist; explored in Sri Lanka & US w spouse; spouse RB Faden;

disc species:

(Kalanchoe) **fadeniorum** (Kenya) 1977 (desc by EM Raadts 1979 & na RB & AJ Faden).

Faden, (Dr) Robert [Bob] Bruce (1942–); {Faden}; US botanist at Natl Museum of Natural History, Smithsonian Institute, DC; specializes on ferns & Commelinaceae; explored in Costa Rica, India, Sri Lanka & US; spouse AJ Faden;

species nah:

(Kalanchoe) **fadeniorum** (Kenya) (desc by EM Raadts 1979 & nah & AJ Faden & disc by AJ Faden 1977).

Book [1920] *Contribution a l'étude des cactées opuntiees* Paris, France; 31p.

†**Fannin**, George Fox (27 Feb 1832–18 Dec 1865); Irish to RSA 1845; RSA farm owner where taxon discovered; collected in RSA & sent plants to WH Harvey in Dublin, Ireland;

genus nah:

Fanninia (Natal, Eastern Cape) (desc & nah by WH Harvey 1868).

†**Fanshawe**, Dennys Basil (25 Jan 1915–9 Jan 1993); {Fanshawe}; British botanist & Oxford, Eng graduate: worked in Herbarium at Kew 1937; to Guyana 1938 as conservator of forests; to Zambia 1952; principal research officer in division of forestry, Northern Rhodesian [Zambia] government 1952-74; collected in Rhodesia, Belize, Grenada, Guyana & Surinam;

disc species:

(Aloe) **fimbrialis** (Tanzania, Zambia) 1964 (desc by S Carter 1996).

Farre Arana, [Farré Arana,] C;

Book [2005] *Le Grand Livre des Cactus et Autres Plantes Grasses*; French; 188p.



†**Farrer**, Reginald John (17 Feb 1880–17 Oct 1920); {Farrer}; British naturalist; explored & collected in Chinese provinces of Yunnan & Gansu 1913–15 & in Burma 1919~;

disc species:

(Sedum) **purdomii** [w W Purdom] (China) 1914 (desc & nah by WW Smith 1916).

†**Farwig**, Stanley J; (29 Jul 1929–6 Aug 2003); {Farwig}; US botanist;

desc species:

(Mamm) **deherdtiana** (Oaxaca) 1969 (disc by F Schwarz 1959 & na C DeHerdt).

Faucon, Philippe;

Book [2001] *Encyclopedia of C&S (CD-ROM)*; Eng; 1,600p.

†**Faulkner**, Helen G (Jun 1888–26 Jan 1979); Tanzanian artist; collected in Angola, Tanzania & Mozambique 1937~; spouse Major HG Faulkner;

disc variety:

(Monadenium orobanchoides var) **calycinum** (Angola) 1940 (desc by PRO Bally 1961).



†**Faust**, Karl [Carlos later in Spain] (10 Sep 1874–24 Apr 1952); Ger botanist & businessman to Spain 1898; succeeded F Weinberg as dir of c&s garden *Mar i Murtra*, Blanes, Costa Brava, Spain 1921~;

species nah:

(Borzicactus) **faustianus** (Peru) (desc & nah by C Backeberg 1936) —> **Cleistocactus acanthurus** ssp **faustianus** by C Ostolaza 1998,
(Kalanchoe) **faustii** (Morocco) (desc & nah by P Font Quer 1935).



† **Favarger**, (Dr) Claude PE (8 Aug 1913–2006); {Favarger}; Swiss biologist;
PhD at the Sorbonne, France 1946; biologist at Univ of Nauchâtel, Switzerland 1946–83;

transfer species:

“Sempervivum juvenii” (V Strgar 1971) —> **Sempervivum wulfenii** ssp **juvenii** [w JAN Parnell]
1990.

Favell, Philip [Phil] B (fl. 1999); {Favell}; Escondido, Calif;

desc species:

(Aloe) **ahmarensis** [w MB Miller & AN Al-Gifri] (Yemen) 1999 (disc by PB Favell 1996).

Favre, R;

Book [1977] *Alpha flore (encyclopedie des Plantes des Fleurs et des Jardins, Vol 10 on cactacees & Succ* [w P Magnollay] Lausanne, France; 300p.

† **Fawcett**, Wm (13 Feb 1851–14 Aug 1926); {Fawc.}; Irish botanist & agronomist to Eng; BSc at King’s College, London Univ 1879; assistant at British Museum Dept of Botany 1880–86; dir of Public Gardens & Plantations, Jamaica 1886–1908; collected in Jamaica 1887–1908 & in Cayman Islands 1888; FLS 1881;

Book [1910–36] *Flora of Jamaica* [w AB Rendle] London, Eng; Eng; in 5 Vols;

[1910] Vol 1; Orchidaceae; 150p;

[1914] Vol 3, Part 1; Dicotyledons; 280p;

[1920] Vol 4, Part 2; Dicotyledons; 369p; (includes Euphorbiaceae; 100p);

[1926] Vol 5, Part 3; Dicotyledons; 453p; (includes Cactaceae; 15p);

[1936] Vol 7, Part 5; Dicotyledons; 303p; (authors S Moore, S Le Marchant &

AB Rendle);

(Vols 2 & 6 never pub after AB Rendle's death in 1938).

† **Faxon**, Charles Edward (21 Jan 1846–6 Feb 1918); {Faxon}; US botanist & bot illustrator in Massachusetts; BS in civil engineering at Lawrence Scientific School, Cambridge 1867; prof of botany at Bussey Institution 1879–84; dir of library & arboretum at Arnold Arboretum & bot illustrator 1882~;

species nah

(Samuela) **faxoniana** (Texas, Chihuahua, Coahuila) (desc & nah by WA Trelease 1902) —> **Yucca faxoniana** by CS Sargent 1905.



Fearn, Brian (5 May 1937–); {B.Fearn}; British horticulturist & succ nurseryman;
MSc at Sheffield Univ w thesis *An Investigation into the Taxonomy & Phytogeography of the Genus Lithops N.E. Br.* 1968; owner (w spouse) of *Abbey Brook Cactus Nursery*, Sheffield 1956–76 & Derbyshire 1976~, Eng; IOS member 1971; spouse Gillian Fearn, British biologist & horticulturist w

PhD in plant taxonomy; brother PJ Fearn;

Book [1979] *Fifty Choice Mammillarias, an Introductory Guide for Enthusiasts** Derbyshire, Eng; Eng; 68p, ▪

[1981] *Lithops* Oxford, Eng; Eng; 69p; (NCSS Handbook No. 4),

[1981] *The Genus Rebutia (1895–1981)** Derbyshire; Eng; 80p,

[1986] *Choice Mammillarias** Derbyshire; 88p,

[2009] *The Echinopsis hybrids of Abbey Brook Cactus Nursery (The results of 40 years' work)* Guildford; Eng; 102p w 133 color photos;

*[w L Pearcy]

transfer species:

"*Haworthia maughanii*" (JKL von Poellnitz 1933) —> ***Haworthia truncata* var *maughanii*** 1966,

"*Lithops fulleri*" (NE Brown 1927) —> ***Lithops julii* ssp *fulleri*** 1976.

Fearn, Peter J (fl. 1963); {P. Fearn}; British horticulturist; brother B Fearn;

Book [1980] *A Brief Examination of the New System of Classification of the Family Cactaceae as proposed by DR Hunt* Dorset, Eng; Eng; 31p,

[1990] *A Review & Critical Appraisal of Mottram's Contribution to a New Classification of the Cactus Family & Index to Suprageneric & Supraspecific Taxa* Dorset; Eng; 36p,

[1996] *A Review of the Origins of the Cactus Family & the Search for a System of Classification* Dorset, Eng; 93p,

[1997] *Classification as Applied to the Cactaceae* Dorset; Eng; 39p,

[1997] *A Re-appraisal of the Origins of the Family Cactaceae in N Amer based on Plate Tectonics & the Breakup of Pangaea during the Late Cretaceous* Dorset; Eng; 37p.

†**Featherstone**, Velma (4 Oct 1913–19 Feb 2002); US horticulturist; specialist in epiphytic cacti; member of Epiphyllum Soc of Amer, Monrovia, Calif 1963~ & editor of Bulletin journal 1973–83 & 1985–86;

Book [1982] *The Epiphyllum Road* Newhall, Calif; Eng; 44p.

†**Featherstone**, Wm; US; joined Captain Marshall Field S Amer Expedition to Peru 1922; explored & collected botany plants;

disc species:

(*Borzacactus*) ***fieldianus*** [w JF Macbride] (Peru) 1922 (desc by NL Britton & JN Rose 1923 & na M Field)

—> ***Cleistocactus fieldianus*** by DR Hunt 1987.

Fechser, Helmut (1918–); {Fechs. or Fchsr.}; Argentina cactus collector;

Book [1963] *Cuidado Biologicamente Correcto de las Cactaceas* Buenos Aires, Argentina; 28p;

disc species:

(*Gymnocalycium*) ***horridispinum*** (Cordoba) (desc by JA Till 1987),

(*Gymnocalycium*) ***pugionacanthum*** (Catamarca, La Rioja) c1964 (desc by JA Till 1987);

desc species:

(*Parodia*) ***penicellata*** [w MG van der Steeg] (Salta) 1960 (disc by H Fechser 1951);

disc sub

(*Gymnocalycium* *mostii* ssp) ***ferocior*** (Cordoba) c1966 (desc by JA Till & H Amerhauser 2002)

—> ***Gymnocalycium castellanosii* ssp *ferocior*** by GJ Charles 2005.

†**Fedde**, (Dr) Friedrich Karl Georg (30 Jun 1873–14 Mar 1942); {Fedde}; Ger botanist, editor & publisher; PhD at Univ of Breslau (under FA Pax) 1896; teacher in Breslau & Tarnowitz; worked at Bot Museum Berlin-Dahlem 1924~; edited & pub *Feddes Repertorium*, Vols 1–51, 1905~;

desc genus:

Kensitia (Cape) 1940 (na HML [née Kensit] Bolus);

species nah:

(*Sedum*) ***feddei*** (China) (desc & nah by Raymond-Hamet 1910);

desc species:

(Mesemb) **pumilum** [w C Schuster](Western Cape) 1918 —> **Antimima pumila** by HEK Hartmann 1998;

transfer species:

“*Tillaea drummondii*” (J Torrey & A Gray 1840) —> **Crassula drummondii** 1904.

† **Fedtschenko**, [Fedchenko, Fedschenko, Fedschenko, Fedtchenko, Fedezenko,] Boris [Bos] Alexjewitsch [Alekeevich, Aleksyvitsh] (27 Dec 1872–29 Sep 1947); {B. Fedtsch.}; Russian botanist; manager of herbarium at St. Petersburg bot garden 1905–32; explored in central Asia w mother; mother Olga Fedtschenko (18 Nov 1845–29 Apr 1921), Russian botanist;
species nah:

(Kalanchoe) **fedtschenkoi** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1915),
(Pseudosedum) **fedtschenkoanum** (central Asia) (desc & nah by AG Borissova 1933),
(Sedum) **fedtschenkoi** (China) (desc & nah by Raymond-Hamet 1914).

Feitosa-Teles, (Dr) FF; US; PhD at Univ of Arizona, Tucson 1977;

Book [1977] *Nutrient Analysis of Prickly Pear (Opuntia ficus-indica)* Tucson, Arizona; Eng; 169p; (PhD thesis).



Felger, (Dr) Richard Stephen (1934–); {Felger}; US ethnobotanist & biologist; PhD at Univ of Arizona, Tucson; specialist in plant life of sw N Amer & ethnobotany of American desert peoples; founder & dir at Drylands Institute, Tucson, Arizona 1988–2007; collected in US & Mex; IOS member 1987;

Book [1976] *The Island & Coastal Vegetation & Flora of the Northern Part of the Gulf of Calif* [w CH Lowe] Los Angeles, Calif; Eng; 59p,

[1985] *People of the Desert & Sea: Ethnobotany of the Seri Indians of the Gulf of Calif* [w MB Moser] Tucson, Arizona; Eng; 434p,

[1992] *Vascular Plants of a Desert Oasis: Flora & Ethnobotany of Quitobaquito, Organ Pipe Cactus Natl Monument, Arizona* [w PL Warren, LS Anderson & GP Nabhan]; Eng; 39p,

[2000] *Flora of the Gran Desierto & Rio Colorado Delta*; Eng; 673p,

[2000] *Cactáceas de Sonora, Mex: su Diversidad, Uso y Conservación* [w TR van Devender & RP Aguilar] Tucson, Arizona; Spanish; 143p w color photos on p 2–64,

[2013] *Plant Life of a Desert Archipelago: Flora of the Sonoran Islands in the Gulf of Calif* [w BT Wilder]; Eng; 624p;

species nah:

(Agave) **felgeri** (Sonora) (desc & nah by HS Gentry 1972).

Felix, Dieter;

Book [2011] *Echinocereus Die parkeri-Gruppe* [w W Blum]; Eng; 144p w 255 color photos.

Felker, (Dr) Peter; US physiologist & plant breeder; PhD in plant physiology at Michigan State Univ, East Lansing, Michigan 1985; plant breeder & research scientist at Caesar Kleberg Wildlife Research Institute, Texas A&I Univ, Kingsville, Texas;

Book [1990] *Proceedings first annual Texas prickly pear council* Kingsville, Texas; 95p; (editor of),

[1991] *Proceedings 2nd annual Texas Prickly pear council* McAllen, Texas; 123p; (editor of).

Fell, Derek (1939–); British horticulturist, & author & photographer of gardening books;

Book [1970] *C&S in Your Home* Barrington, Illinois; Eng; 48p,

[1999] *Cacti*; Eng; 30p.



†**Fendler**, August [Augustus] (10 Jan 1813–27 Nov 1883); {Fendler}; Ger botanist to US 1836; collected extensively in sw US & Venezuela 1837–77 for GT Engelmann;

disc species:

(Cereus) **fendleri** (Texas, New Mex, Utah, Arizona, Colorado, Sonora, Chihuahua) 1846 (desc & nah by GT Engelmann 1849) —> **Echinocereus fendleri** by F Seitz 1870,

(Mamm) **papyracantha** (Arizona, New Mex) 1847 (desc by GT Engelmann 1849) —> **Sclerocactus papyracanthus** by NP Taylor 1987,

(Opuntia) **phaeacantha** (New Mex) 1846 (desc by GT Engelmann 1849).

†**Feng**, Kuo Mei (Jun 1917–2007); {K.M.Feng}; Chinese botanist in Yixing, Jiangsu Province; founding member of Kuming Institute of Botany, Chinese Academy of Sciences;

disc species:

(Sinocrassula) **diversifolia** (Yunnan) 1959 (desc by H Chuang 1997).



†**Fenzl**, (Dr med) Eduard (15 Feb 1808–29 Sep 1879); {Fenzl}; Austrian botanist; MD in Vienna 1833; curator of collections & prof of botany & dir of bot garden at Vienna Bot Museum, uustria 1845~; desc subgenus Avonia 1840 —> genus rank by GD Rowley 1994;

desc genus:

Plinthus (Namibia, Northern Cape, Eastern Cape, Free State) 1839;

species nah:

(Calandrinia) **fenzlii** (Chile) (desc & nah by FM Barneoud 1847) —> **Cistanthe fenzlii** by MA Hershkovitz 1991;

desc species:

(Anacampseros) **papyracea** (Western Cape) 1840 —> **Avonia papyracea** by GD Rowley 1994,

(Anacampseros) **quinaria** (Namibia, RSA) 1840 —> **Avonia quinaria** by GD Rowley 1994,

(Anacampseros) **ustulata** (Western Cape, Free State) 1840 —> **Avonia ustulata** by GD Rowley 1994,

(Ancistrostigma) **cypseloides** (Australia) 1834 —> **Trianthema cypseloides** by G Bentham 1866,

(Calandrinia) **liniflora** (Western Australia) 1837 —> **Parakeelya liniflora** by MA Hershkovitz 1999,

(Calandrinia) **polypetala** (Western Australia) 1837 —> **Parakeelya polypetala** by MA Hershkovitz 1999,

(Diplochonium) **sesuvioides** (tropics & subtropics worldwide) 1839 —> **Sesuvium sesuvioides** by

B Verdcourt 1957,

(Pelargonium) **endlicherianum** (Turkey) 1842 (na SFL Endlicher),

(Plinthus) **cryptocarpus** (Namibia, Northern Cape) 1839,

(Tetragonia) **arbuscula** (Namibia, Northern Cape, Eastern Cape, Free State) 1862,

(Tetragonia) **calycina** (Namaq) 1862,

(Tetragonia) **distorta** (Northern Cape, Western Cape) 1862,

(Tetragonia) **galenioides** (Western Cape) 1862,

(Tetragonia) **glauca** (Western Cape) 1862,

(Tetragonia) **halimioides** (Northern Cape, Western Cape) 1862,

(Tetragonia) **haworthii** (RSA) 1862 (na AH Haworth),

(Tetragonia) **microptera** (Namibia, Northern Cape, Western Cape) 1862,

(Tetragonia) **portulacoides** (Western Cape, Eastern Cape) 1862,

(Tetragonia) **robusta** (Northern Cape, Western Cape) 1862,

(Tetragonia) **saligna** (Western Cape) 1862,

(Tetragonia) **sarcophylla** (Northern Cape, Eastern Cape) 1862,

(Tetragonia) **verrucosa** (Northern Cape, Western Cape) 1862,

(Umbilicus) **aizoon** (Turkey, Armenia) 1842 —> **Prometheum aizoon** by H 't Hart 1995,
(Umbilicus) **globulariifolius** (Turkey, Cyprus, Syria, Lebanon) 1842 —> **Rosularia globulariifolia** by
A Berger 1930.

† **Fequeux**, ?;

Book [1859] Etude sur le Cactus Opuntia; 27p.



† **Ferdinand I**, (26 Feb 1861–10 Sep 1948); [Prince Ferdinand Maximilian Karl Leopold Maria of Saxe-Coburg & Gotha]; King [Tsar] of Bulgaria 1908–18; botanist, ornithologist, entomologist & philatelist; explored in Brazil 1879 & in S Amer 1927–28 & in Equatorial Africa 1929; friend of A Berger; first spouse Princess Marie Louise [Luisa] of Bourbon-Parma (1870–31 Jan 1899); second spouse Princess Eleonore Caroline Gasparine Louise of Reuss-Köstritz (1860–1918);

species nah:

(Agave) **ferdinandi-regis** (Mex) (desc & nah by A Berger 1915).



Ferguson, David Jerald (19 May 1959–); {D.J.Ferguson}; US; Curator at Rio Grande Bot Garden, Albuquerque, New Mex; explored in sw US, n Mex & Argentina; expert in Opuntia genus;
Book [2011] *Pricklypears Commonly Found in the United States & Northern Mexico* [w CW Green]; Eng; 144p w 420 color photos;

disc species:

(Ferocactus fordii ssp) **borealis** (Baja Calif) 1984 (desc by NP Taylor 2002);

desc species:

(Puna) **bonnieae** [w R Kiesling] (Argentina) 1997 (disc by Bonnie Brunkow 1990 & nah) —>

Tephrocactus bonnieae by WH Stuppy 2001.

† **Ferguson**, Emely [Emily]; Riversdale, RSA; collected succ in RSA;

species nah:

(Glottiphyllum) **fergusoniae** (Cape) (desc & nah by HML Bolus 1929),

(Mesemb) **fergusoniae** (Western Cape) (desc & nah by HML Bolus 1934) —> **Lampranthus fergusoniae** by HML Bolus 1939,

(Pelargonium) **fergusoniae** (Western Cape) (desc & nah by HML Bolus 1934),

(Pleiospilos) **fergusoniae** (desc & nah by HML Bolus 1929),

(Pleiospilos) **fergusoniae** (Western Cape) (desc & nah by HML Bolus 1929) —> **Pleiospilos compactus** ssp **fergusoniae** by HEK Hartmann & SL Liede 1986,

(Ruschia) **fergusoniae** (Western Cape) (desc & nah by HML Bolus 1928) —> **Antimima fergusoniae** by HEK Hartmann 1998,

(Trichodiadema) **fergusoniae** (Western Cape) (desc & nah by HML Bolus 1928);

disc species:

(Haworthia) **emelyae** (Western Cape) (desc & nah by JKL von Poellnitz 1937),

(Haworthia) **variegata** (Western Cape) (desc by HML Bolus 1929);

disc variety:

(Stapelia desmetiana var) **fergusoniae** (Cape) (desc by RA Dyer 1931).

† **Ferguson**, Nesta; BSc at King's College, Univ of London; spouse Allan Ferguson;

Book [1926] *The Aloinae: A Cytological Study, with Especial Reference to the Form & Size of the Chromosomes* London, Eng; Eng; 27p.



† **Fernald**, (Dr hc) Merritt Lyndon (5 Oct 1873–22 Sep 1950); {Fernald}; US botanist, taxonomist & phytogeographer; worked at Gray Herbarium while taking courses at Harvard Univ, Cambridge, Massachusetts, earning a BS in 1897; continued working at Gray Herbarium as curator & dir 1897~; pres of New England Bot Club 1911–14; pres of Amer Soc of Plant Taxonomists 1938 & Bot Soc of Amer 1940; honorary DCL from Acadia Univ, Nova Scotia, Canada 1933 & DSc from Univ of Montreal, Canada 1938; spouse Margaret [née Howard Grant] Fernald;

desc species:

(Sedum) **lumholtzii** [w BL Robinson] (Sonora, Sinaloa) 1894 (na C Lumholtz).

† **Fernandes**, (Prof) (Dr) Abilio (19 Oct 1906–16 Oct 1994); {A.Fern.}; Portuguese botanist; PhD at Univ of Coimbra, Portugal 1931; prof at Botanical Institute, Univ of Coimbra 1931–94; collected in tropical Africa; spouse RMS Fernandes;

Book [1931] *Studies in Chromosomes of the Liliaceae & Amarilidaceae* Coimbra; 122p;

species nah:

(Kalanchoe) **fernandesii** (Mozambique) (desc & nah by Raymond-Hamet 1950);

desc species:

(Adenia) **tisserantii** [w RMS Fernandes] (Angola) 1958 (na PC Tisserant),

(Adenia) **zambesiensis** [w RMS Fernandes] (Mozambique) 1976;

transfer species:

“Machadoa huillensis” (FMJ Welwitsch 1869) —> **Adenia huillensis** [w RMS Fernandes] 1958.

† **Fernandes**, [née Saraiva Batarda] (Prof) (Dr) Rosette Mercedes (1 Oct 1916–28 May 2005); {R.Fern.}; Portuguese palynologist, biologist & plant cytologist; prof at Botanical Institute, Univ of Coimbra, Portugal; spouse A Fernandes;

Book [1982] *Crassulaceae* Lisbon, Portugal; Portuguese; 39p;

desc species:

(Adenia) **tisserantii** [w A Fernandes] (Angola) 1958 (na PC Tisserant),

(Adenia) **zambesiensis** [w A Fernandes] (Mozambique) 1976,

(Crassula) **alticola** (Zimbabwe, Mozambique) 1978,

(Crassula) **leachii** (Mozambique) 1982 (na LC Leach),

(Crassula) **morrumbalensis** (Mozambique) 1982,

(Kalanchoe) **chimanimanensis** (Zimbabwe) 1978 —> **Kalanchoe velutina** ssp **chimanimanensis** by RMS Fernandes 1980,

(Kalanchoe) **lobata** (Zimbabwe) 1978,

(Kalanchoe) **lubangensis** (Angola) 1980,

(Kalanchoe) **teixeirae** (Angola) 1980 (na JB Teixeira),

(Kalanchoe) **wildii** (Zimbabwe) 1978 (na H Wild);

transfer species:

“Crassula phyturus” (GWJ Milbraed 1922) —> **Crassula schimperii** ssp **phyturus** 1978,

“Kalanchoe dangeardii” (Raymond-Hamet 1916) —> **Kalanchoe velutina** ssp **dangeardii** 1980,

“Machadoa huillensis” (FMJ Welwitsch 1869) —> **Adenia huillensis** [w A Fernandes] 1958.

Fernandez-Alonso, [Fernández-Alonso,] (Dr) José Luis (1959–); {Fern.Alonso}; Spain to Colombia 1986; PhD 1993; Columbia to Madrid, Spain 2009;

Book [2002] *Taxonomic News & Synopsis of the Genus Melocactus—Link & Otto in Colombia* [w G Xhonneux]; Eng; 14p w 10 color photos;

desc species:

(Melocactus) **hernandezii** [w GM Xhonneux] (Colombia) 2002 (na JI Hernandez-Camacho & disc by Carlos Saravia et al. 1964) —> **Melocactus andinus** ssp **hernandezii** by NP Taylor 2003;

desc subsp:

7(Melocactus schatzlii ssp) **chicamochae** [w GM Xhonneux] 2002.

Ferrante, Imperato — See **Imperato**, Ferrante under correct surname.



Ferrari, Omar Emelio (4 Dec 1936–22 Oct 2010); {O.Ferrari}; Argentinean horticulturist; collected in Argentina; friend of R Kiesling; IOS member 1980;

Book [2007] *100 Cactus Argentinos* [w R Kiesling] Buenos Aires; Spanish; 128p;

species nah:

(Acanthocalycium) **ferrarii** (Argentina) (desc & nah by W Rausch 1976) —> **Echinopsis thionantha** ssp **ferrarii** by M Lowry 2002,

(Gymnocalycium) **ferrarii** (Argentina) (desc & nah by W Rausch 1981) —> **Gymnocalycium glaucum** ssp **ferrarii** by GJ Charles 2005;

disc species:

(Gymnocalycium) **robustum** [w R Kiesling] (Cordoba) 1987 (desc by R Kiesling, OF Ferrari & D Metzger 2002),

(Lobivia) **walteri** [w R Kiesling] (Salta) 1975 (desc by R Kiesling 1976 & na Walter Rausch) —> **Echinopsis walteri** by H von Friedrich & W Glaetzle 1983;

desc species:

(Gymnocalycium) **kieslingii** (La Rioja) 1985 (disc by him 1980 & na R Kiesling),

(Gymnocalycium) **kroenleinii** [w R Kiesling & W Rausch] (La Rioja) 2000 (disc by OE Ferrari, R Kiesling & W Rausch 1987 & na M Kroenlein);

transfer species

“*Parodia horrida*” (FH Brandt 1979) —> **Parodia microsperma** ssp **horrida** [w R Kiesling] 1990.



†**Ferreira**, Enrique; Consul of Mex at San Diego, Calif; spouse Flavia [née Chacon] Ferreira;

species nah:

(Echinocereus) **ferreirianus** (Baja Calif) (desc & nah by HE Gates 1953 & disc by him 1934).

†**Ferrere**, M;

Book [1925] *Contribution à l'Étude Pharmacographique de Quelques Aloes Cultivés en Algérie* Alger; French; 104p.

Ferreyra, [née Cerrate,] (Dr) Emma (1920–); Peruvian botanist; dir of San Marcos Herbarium; spouse RA de Ferreyra;

disc species:

(Peperomia) **samainiae** (Peru) 1956 (desc by GE Pino 2012 & na M-S Samain).

†**Ferreyra**, [Ferreyra Huerta,] (Dr) Ramón Alejandro de (26 Feb 1910–4 Jun 2005); {Ferreyra}; Peruvian botanist; PhD at Univ of San Marcos, Peru 1946; founder of herbarium in San Marcos Museum of Natural History at Universidad Nacional Mayor de San Marcos 1948 & its dir 1961–81; collected in Argentina, Chile, Peru & US; spouse E de Ferreyra;

disc species:

(Peperomia) **ferreyra** (Amazonas A) (desc & nah by TG Yuncker 1956);

desc species:

(Nolana) **scaposa** (Peru) 1955.

Ferry, Serge;

Book[1972] *Contribution à l'Étude des Alcaloides et des Flavonoides de Quelques Espèces du Genre Senecio* Lyon, France; French; 241p.



Ferryman, Roger M (18 Apr 1947–); {Ferryman}; British industrial engineer, horticulturist & company executive; explored in Chile, Peru & Argentina 1982~; specialist in genus *Eriosyce*; large collection of cacti at Stonhay Aspal, Suffolk & at Cheltenham, Gloucestershire, Eng 1998~;

Book [1986] *RMF Field Numbers, Chile 1982–85* Suffolk; Eng; 15p,

[1990] *RMF Field Collection Numbers 1–305, w location data, Chilean Cacti* Suffolk; Eng; 10p;

disc species:

(Copiapoa) **ahremephiana** (Antofagasta) 1984 (desc & na after his spoken initials by NP Taylor & GJ Charles 2002),

(Copiapoa) **decorticans** (Antofagasta) 1984 (desc by GJ Charles & NP Taylor 2002);

transfer species:

"Chileorebutia krausii" (F Ritter 1960) —> **Eriosyce krausii** 2003,

"Pyrrhocactus megloli" (W Rausch 1974) —> **Eriosyce meglolii** 2005.

"Pyrrhocactus pachacoensis" (W Rausch 1975) —> **Eriosyce strausiana** ssp **pachacoensis** 2003,

"Thelocephala tenebrica" (F Ritter 1980) —> **Eriosyce napina** ssp **tenebrica** 2003.



† **Feuillee**, [Feuillée, Feuillet, Fevuillée] Louis Éconches (15 Aug 1660–18 Apr 1732);

{Feuillee}; French clergyman, botanist, geographer, mathematician & astronomer;

botany pupil of C Plumier 1680; collected in Central Amer & West Indies 1703–06, in Argentina, Chile & Peru 1707–12 & Canary Islands 1724;

genus nah:

Fevillea (Jamaica, Brazil) (desc & nah by C Linnaeus 1753).

Fici, Anne Marie [Anna Maria];

Book [1969] *Le Plante Grasse* Milan, Italy; Italian; 139p + 4 color photos,

[1970] *Las Plantas Crasas* Barcelona, Spain; Spanish; 140p,

[1975] *Les Plantes Grasse* Paris, France; 125p.

† **Fickeisen**, Florence R (13 Aug 1904–12 Oct 1998); US in Arizona; spouse

Norman August Fickeisen (26 Aug 1916 –25 Mar 2014);

variety nah:

(Pediocactus peeblesiana var) **fickeiseniae** (Arizona) (desc by LD Benson 1982 & disc by LD Benson & EB Benson 1957) —> **Pediocactus peeblisianus** ssp **fickeiseniorum** by JM Luthy 1999.

† **Fida**, (Mr) HF; Ger cactus hobbyist in Mannheim; editor of *Der Kakteenfreund* 1932–35;

species nah:

(Echinocactus) **fidanus** (Bolivia) (desc & nah by C Backeberg 1933) —> **Rebutia fidana** by DR Hunt 1987.

† **Fiebrig**, [Fiebrig-Gertz,] (Prof) (Dr hc) **Karl** [Carl] August Gustav (25 May 1869–25 Oct 1951); {Fiebrig};

Ger naturalist, botanist & zoologist to Paraguay 1907; prof of botany & zoology at Univ of Asuncion, Paraguay

1910–36 & founder & dir of museum & bot garden; honorary doctorate at Univ of Marburg 1923;

dir of des Departamento de Agricultura 1934–36; lecturer at Latin-Amer Institute, Berlin 1936–45; to Argentina as botanist at Instituto ‘Miguel Lillo’, Univ of Tucumán 1945~; collected in Paraguay & Bolivia 1902~; first spouse Anna [née Gertz] Fiebrig (1866–1920); second spouse Ingeburg [née Fick] Fiebrig;

species nah:

(Echinocactus) **fiebrigii** (Bolivia, Argentina) (desc & nah by RLA Gurke 1905) —> **Rebutia fiebrigii** by NL Britton & JN Rose 1916;

disc species:

(Cereus) **tacaquirensis** (Bolivia) 1904 (desc by FKJ Vaupel 1916) —> **Echinopsis tacquirensis** by H Friedrich & GD Rowley 1974,

(Cereus) **tarijensis** (Bolivia) 1904 (desc by FKJ Vaupel 1916) —> **Echinopsis tarijensis** by H Friedrich & GD Rowley 1974.

†**Fiedler**, Rudolf (fl. 1903); Berlin, Ger; master cabinet maker & cactus hobbyist;

species nah:

(Echinocactus) **fiedlerianus** (Atacama) (desc & nah by KM Schumann 1903) —> **Copiapoa fiedleriana** by C Backeberg 1936.

Field, David Vincent (1937–); {D.V.Field}; British botanist & taxonomist; Master of Philosophy 1967; botanist at Kew Herbarium & head of Economic Botany collections 1960~; explored in Kenya & nearby countries; interested in Asclepiadaceae;

desc species:

(Ceropegia) **powysii** (Kenya) 1982 (na JGL Powys) —> **Ceropegia arabica** var **powysii** by U Meve & RD Mangelsdorff 2001,

(Ceropegia) **superba** [w IS Collenette] (Saudi Arabia, Yemen) 1984 —> **Ceropegia Arabica** var **superba** by PV Bruyns 1988,

(Ceropegia) **swaziorum** (Swaziland) 1982,

(Huernia) **Saudi-arabica** (Saudi Arabia) 1981,

(Rhytidocaulon) **sheilae** (Saudi Arabia) 1981 (na I Sheila Collenette).



†**Field**, (Capt) Marshall III (28 Sep 1893–8 Nov 1956); US heir to Marshall Field dept store fortune, soldier in WWI; philanthropist & patron of science; graduate at Cambridge Univ; financed Field Museum of Natural History (na his grandfather) bot expedition to S Amer 1922–23; first spouse Evelyn [née Marshall] Field (1888–1979); second spouse

Audrey [née Coats] Field; third spouse Ruth Pruyn [née Phipps] Field (1907–1994);

species nah:

(Borizicactus) **fieldianus** (Peru) (desc & nah by NL Britton & JN Rose 1923 & disc by JF Macbride & ? Featherstone 1922) —> **Cleistocactus fieldianus** by DR Hunt 1987.

Fievet, [Fiévet,] Gérard; French agriculturist; wine grower in Fianarantsoa, Mada: collected in Mada, especially Aloes for GW Reynolds;

disc species:

(Aloe) **cryptoflora** (Mada) 1965 (desc by GW Reynolds 1965),

(Aloe) **fievetii** (Mada) 1965 (desc & nah by GW Reynolds 1965).



Figueiredo, (Dr) Estrela Paula das Neves (10 May 1963–); RSA plant taxonomist; PhD at Univ of Reading, UK 1995; researcher at Instituto de Investigaçã Cientifica Tropical, Lisboa, Portugal 1989–2008; research associate at 1) S African National Biodiversity Institute, RSA, 2006–09, 2) Univ of Pretoria, RSA 2009–11, & 3) Nelson Mandela Univ, Port Elizabeth, RSA 2011~ &

an honorary prof in December 2016; received Rudolf Marloth Medal by the Botanical Society of South Africa October 1016;

Book [2008] *Plants of Angola (Plantas de Angola)* [w GF Smith] Pretoria, RSA; Eng/Portuguese; 279p,
[2011] *Naturalised & Invasive Succulents of Southern Africa, ABC Taxa Journal Vol 11* [w M Walters, NR Crouch, PJD Winter, GF Smith, HG Zimmermann & BK Mashope]; RSA; Eng; 360p,
[2011] *The Aloe Names Book (Strelitzia 28 edition)* [w OM Grace, RR Klopper, GF Smith] Pretoria, RSA; Eng; 232p w 313 color plates,
[2013] *Succ Paradise, Twelve Great Gardens of the World* [w GF Smith] Cape Town, RSA; Eng; 184p,
[2017] *Field Guide to Succulents in Southern Africa* [w GF Smith & NR Crouch]; Eng; 464p.

Figueroa, [Figueroa Velazquez,] G;

Book [1989] *Desierto (Floracion de Cactus Guadalajara)*; 85p.

Filho, A de Oliveira Soares — See **Soares-Filho**, A de Oliveira.



Filson, (Dr) **Rex** Bertram (16 Mar 1930–); {Filson}; Australian carpenter, botanist & lichenologist; DSc at Monash Univ, Melbourne, Australia 1988; worked at Natl Herbarium of Victoria; interested in lichens & allied fungi;

disc species:

(Portulaca) **filsonii** (Australia) (desc & nah by JH Willis 1975).

† **Finck**, Hugo (–1895); Prussian vice-consul at Cordoba, Veracruz; collected in Mex; sent specimens to Kew;

species nah:

(Pedilanthus) **finckii** (Veracruz) (desc & nah by PE Boissier 1862).

† **Finckh**, Friedrich Ludwig; Ger horticulturist; gardener to Prince Salm-Dyck;

Book [1832] *Die Cactus, Ihre Beschreibung, Cultur & Vermehrung* Stuttgart, Ger; Ger; 120p + 7 plates.

† **Findley**, Cecil **Rowe** (29 May 1925–9 Apr 2003); US journalist; writer & assistant editor for Natl Geographic magazine 1959–90; graduate at Univ of Missouri;

Book [1972] *Great Amer Deserts* Washington D; Eng; 208p.

† **Finlayson**, (Dr med) George (1790–Aug 1823); {Finl.}; Scottish surgeon & naturalist; surgeon in Indian Army; collected in Thailand 1821–23;

species nah:

(Hoya) **finlaysonii** (Myanmar, Thailand, Malaysia, Borneo, Sumatra) (desc & nah by R Wight 1834).

† **Fiori**, (Dr med) Adriano (12 Dec 1865–5 Nov 1950); {Fiori}; Italian physician, phytogeographer & botanist; prof of natural Sciences at Forest Institute of Vallombrosa, Tuscany, Italy 1900–13; dir of Advanced Institute of Forest Sciences, Florence, Italy 1913–36;

transfer species:

"Triphaca africana" (J de Loureiro 1790) —> **Sterculia africana** 1912.

† **Fischer**, [Fischer von Waldheim,] Alexander Alexandrovitch [Alexandrowitj] (20 Apr 1839–28 Feb 1920); {A.A.Fisch.Waldh.}; Russian botanist;

species nah:

(Sedum) **fischeri** (India, Sikkim, Bhutan, China) (desc & nah by Raymond-Hamet 1914).

† **Fischer**, Cecil Ernest Claude (9 Jul 1874–19 Oct 1950); {C.E.C.Fisch.}; British botanist; studied forestry at Cooper's Hill College near London, Eng 1892–95; forest botanist at India Forest Service, India 1895–26; assistant for India at Kew 1926–40; collected in India;

desc species:

(Caralluma) **stalagmifera** (India) 1925 (disc by PV Mayuranathan c1925).

† **Fischer**, Friedrich Ernst Ludwig von [Fedor Bogdanovic] (20 Feb 1782–17 Jun 1854); {Fisch.}; Russian botanist; dir of bot garden (established as a physic garden by Peter the Great in St. Petersburg) of V.L. Komorov Bot Institute of USSR Academy of Sciences, St. Petersburg, Russia 1823–50;

Book [1846–69] *Sertum Petropolitanum seu icones et Descriptiones Plantarum, quae in Horto Botanico Imperiali Petropolitano Floruerunt* St. Petersburg, Russia; (in 4 Vols);

[1846] Vol 1; 15p; editor FEL Fischer;

[1852] Vol 2; 13p; editors FEL Fischer & CA von Meyer;

[1869] Vols 3&4; 21p; editor EA von Regel;

desc genus:

Orostachys (Ural Mtns across to China, Japan, Korea) 1809;

desc species:

(Crassula) **pharnaceoides** [w CA von Meyer] (Ethiopia, Cameroon, Sudan, Kenya, Somalia, Uganda) 1841 → **Crassula alata** ssp **pharnaceoides** by GE Wickens & M Bywater 1980,

(Crassula) **schimperi** [w CA von Meyer] (China, India, Nepal, Pakistan, Kenya, Uganda, Tanzania, Yemen, Bhutan) 1842 (na GHW Schimper),

(Orostachys) **thyrsiflora** (Pakistan, Russia, Mongolia, China) 1809,

(Rhodiola) **gelida** [w CA Meyer] (eastern Russia, Tadzhikistan, Mongolia, China) 1841,

(Sedum) **kamtschaticum** [w CA Meyer] (Siberia, China, Japan, Korea) 1841 → **Phedimus**

kamtschaticus by H 't Hart 1995;

transfer species:

“Cotyledon malacophylla” (PS von Pallas 1776) → **Orostachys malacophylla** 1809,

“Sedum algidum” (CF Ledebour 1830) → **Rhodiola algida** [w CA Meyer] 1841,

“Sedum quadrifidum” (PS von Pallas 1776) → **Rhodiola quadrifida** [w CA Meyer] 1841.

† **Fischer**, (Dr med) Gustav Adolf (4 Mar 1848–11 Nov 1886); Ger physician & naturalist; MD at Univ of Würzburg, Ger 1872; physician in Zanzibar 1879–82; explored & collected in East Africa 1877–86;

disc genus:

Monadenium (Ger East Africa) 1885/86 (desc by FA Pax 1895),

species nah:

(Buphane) **fischeri** (Ethiopia, Kenya, Somalia, Tanzania) (desc & nah by JG Baker 1898) → **Sansevieria**

fischeri by WRB Marais 1986;

disc species:

(Buphane) **fischeri** (Ethiopia, Kenya, Somalia, Tanzania) (desc & nah by JG Baker 1898) → **Sansevieria fischeri** by WRB Marais 1986;

(Euphorbia) **espinosa** (Kenya, Tanzania, Malawi, Zambia, Zimbabwe) c1890 (desc by FA Pax 1894),

(Euphorbia) **gossypina** (Tanzania, Kenya, Uganda) c1885 (desc by FA Pax 1894),

(Euphorbia) **graciliramea** (Kenya) 1855 (desc by FA Pax 1904),

(Euphorbia) **quadrangularis** (Tanzania) c1885 (desc by FA Pax 1894),

(*Monadenium*) **coccineum** (Tanganyika) 1885/86 (desc by FA Pax 1895).

Fischer, (Dr) Pierre Claude (1929–); {P.C.Fisch.}; US; MS at Univ of Arizona, Tucson, Arizona 1962; PhD at Univ of Calif, Berkeley 1973;

Book [1962] *Taxonomic Relationship of Opuntia kleiniae De Candolle & Opuntia tetracantha Toumey* Tucson; Eng; 47p; (MS thesis),

[1973] *Taxonomical & Ecological Relationship of the Coryphantha vivipara Complex in the Cactaceae* Berkeley, Calif; Eng; 272p; (PhD thesis),

[1989] *70 Common Cacti of the Southwest* Tucson, Arizona; Eng; 80p w 96 color photos.

Fischer, Renate;

Book [1982] *Kakteen in Hydrokultur* Radebeul, East Ger; Ger; 53p; (rev 1984 w 120p).

† **Fischer**, Walter (fl. 1914); Ger horticulturist; at bot garden in Göttingen; collected in Argentina; **disc species:**

(Pterocactus) **fischeri** (Argentina) 1914 (desc & nah by NL Britton & JN Rose 1919).

† **Fischer**, Wilhelm [Willi] J (17 Feb 1920–24 Feb 2004); Ger horticulturist & succ enthusiast; explored in Mex & Bolivia; IOS member 1995;

Book [1952] *Was Blüht auf Tisch und Fensterbrett?* [w B Schonfelder]; Ger; (1966 Eng translation by Edmund Launert = "The Illustrated Guide to Cacti & Indoor Plants"; 171p, w succ on p 38–65).

Fitch, Charles Marden;

Book [1973] *The Complete Book of Houseplants*; 308p; (includes 23p of c&s).

† **Fitch**, Wm Reed (14 Mar 1883–27 Aug 1965); US; assistant to JN Rose; collected in West Indies & western Texas w JN Rose 1913; spouse Marguerite [née Palkenham] Fitch;

species nah:

(Echinocereus) **fitchii** (Texas, Nuevo Leon, Tamaulipas) (desc & nah by NL Britton & JN Rose 1922 & disc by JN Rose 1913) —> **Echinocereus reichenbachii** ssp **fitchii** by NP Taylor 1997;

disc species:

(Opuntia) **caribaea** [w JN Rose & PG Russell] (Netherland Antilles, Dominican Rep, Haiti, Trinidad, Tobago, Venezuela) 1913 (desc by NL Britton & JN Rose 1919) —> **Cylindropuntia caribaea** by FM Knuth 1936.

Fittkau, (Dr) Ernesto Josef (22 Jul 1927–12 May 2012); Polish biologist; to Mex; brother HW Fittkau;

species nah:

(Mamm) **ernestii** (state of Mex) (desc & nah by HW Fittkau 1971) —> **Mamm backebergiana** ssp **ernestii** by DR Hunt 1997.



† **Fittkau**, (Fr) Hans Werner (24 Jun 1913–25 Jan 2002); {Fittkau}; Polish priest; to Mex 1960–93; to Ger 1993; explored & collected in Mex; brother EJ Fittkau;

species nah:

(Pachyphytum) **fittkaui** (Guanajuato) (desc & nah by RV Moran 1968 & disc by HW Fittkau c1967);

disc species

:(Mamm) **fittkaui** (Jalisco & Guanajuato) late 1960s (desc & nah by CE Glass & RA Foster 1971);

desc species:

(Mamm) **ernestii** (state of Mex) 1971 (na EJ Fittkau) —> **Mamm backebergiana** ssp **ernestii** by DR Hunt 1997.



†**Fitz Maurice**, Elizabeth [Betty] Ann (1930–2015); {B.Fitz Maur.}; US to Mex 1974; BS in education; member CSSA, Mamm Soc of GB, Sociedad Mexicana de Cactologia (Mex); explored in Mex & US w spouse WA Fitz Maurice; CSSA Fellow award 2005;

desc species:

(Mamm) **marcosii** [w WA Fitz Maurice & CE Glass] (Guanajuato) 1997 (disc by Marcos Sierra 1995 & nah).



†**Fitz Maurice**, Walter Alfred [Fitz] (1924–2015); {W.A.Fitz Maur.}; US to Mex 1974; MS in electrical engineering; Cactaceae research resident in San Luis Potosi, Mex; explored in Mex & US w spouse; specialize in Mamm research; written numerous articles in various journals; member CSSA, Mamm Soc of GB, Sociedad Mexicana de Cactologia (Mex); IOS member 1992;

CSSA Fellow award 2005; spouse EA Fitz Maurice;

desc genus:

Geohintonia [w CE Glass] (Nuevo Leon) 1991 (na GS Hinton);

desc species:

(Aztekium) **hintonii** [w CE Glass] (Nuevo Leon) 1992 (disc by GS Hinton 1991 & nah),

(Geohintonia) **mexicana** [w CE Glass] (Nuevo Leon) 1991 (disc by GS Hinton 1991),

(Mamm) **marcosii** [w EA Fitz Maurice & CE Glass] (Guanajuato) 1997 (disc by Marcos Sierra 1995 & nah);

transfer variety:

“*Ariocarpus fissuratus* var *hintonii*” (WH Stuppy & NP Taylor 1989) —> **Ariocarpus bravoanus** ssp **hintonii** [w NP Taylor] 1997.

Fitzgerald, [née Gates,] Sarah;

Book [1987] *Conservation & Commerce of C&OS* [w D Fuller] DC; Eng; 264p; (editors of).



†**Flanagan**, Henry George (22 Jan 1861–23 Oct 1919); RSA citrus farmer; collected & sent specimens to P MacOwan 1889; collected w spouse & H Bolus 1893–94 in Rhodesia & RSA; his herbarium given to Natl Herbarium, Pretoria; FLS 1898;

species nah:

(Cotyledon) **flanaganii** (Eastern Cape) (desc & nah by S Schonland & JG Baker 1902) —> **Cotyledon orbiculata** var **flanaganii** by HR Tolken 1979,

(Raphionacme) **flanaganii** (Eastern Cape, Natal, Mpumalanga) (desc & nah by FRR Schlechter 1894),

(Schizoglossum) **flanaganii** (Eastern Cape) (desc & nah by FRR Schlechter 1894) —> **Aspidoglossum flanaganii** by FK Kupicha 1984;

disc species:

(Ceropegia) **radicans** (Eastern Cape) c1890 (desc by FRR Schlechter 1894);

desc species:

(Crassula) **flanaganii** (Eastern Cape, Natal) (desc & nah by S Schonland & EG Baker 1898),

(Euphorbia) **flanaganii** (Northern Cape) (desc & nah by NE Brown 1915).

Flattery, David Stophlet;

Book [1965] *Peyote* [w JM Pierce] Berkeley, Calif; Eng; 64p.

† **Fleck**, (Dr) Eduard; Austrian geologist; to SW Africa 1888; explored across Kalahari Desert to Lake Ngami 1890;

species nah:

(Euphorbia) **fleckii** (Namibia) (desc & nah by FA Pax 1898).

Flegg, Jim; Eng head of horticulture research international research station at East Malling in Kent, Eng;
Book [1993] *Deserts, A Miracle of Life* NY.

† **Fleischer**, Zdeněk (26 Oct 1905–24 Jul 1978); {Z.Fleisch.}; Czech horticulturist; IOS member 1971;

Book [1969] *Jubilejní Sborník Práci O Kaktusech* Ostrava, Czech Rep; Czech; 131p; (editor of),

[1969] *Pěstování Kaktusu** = "Care of Cacti" Prague, Czech Rep; Czech; 268p w 78 color photos,

[1975] *Uruguayske Notokaktusy A Wigginsie A.V. Fric** Prague; Czech; 47p,

[1982] *Kakteenpflege-Eine Anleitung** Stuttgart, Ger; Ger; 338p,

[1986] *Kaktusy** Warsaw, Poland; Polish; 256p,

[1989] *Kakteen** Prague, Czech Rep; Ger; 338p w 100 color photos; (translation of *Pěstované Kaktusu* book).

*[w B Schutz]

Fleisher, Paul;

Book [1998] *Saguaro Cactus (Webs of Life)* [w J Cassels]; Eng; c20p.



Fleming, (Prof) (Dr) Theodore [Ted] H; US biologist; PhD at Univ of Michigan 1969; prof of biology at Univ of Miami, Florida 1978–2008; interested in ecological interaction between vertebrates & their food plants & how they co-evolved, especially in the Sonoran Desert; writer of numerous articles on desert vertebrates & plants; spouse Marcia Fleming;

Book [2002] *Columnar Cacti & Their Mutualists: Evolution, Ecology & Conservation* [w A Valiente-Banuet] Tucson, Arizona; Eng; 371p; (editors of),

2017] *No Species Is an Island: Bats, cacti and secrets of the Sonoran desert*; Eng; 72p w 18 b&w drawings by Kim Kanoa Duffek.

Fletcher, Reggie A; {R.A.Fletcher};

Book [1985] *Recover Plan for the Kuenzler Hedgehog Cactus (Echinocereus fendleri var kuenzleri)*; Eng; 44p.

Fleurentin, Jacky & Martine; French medical technician & spouse; studied plants in Yemen;

species na them:

(Aloe) **fleurentinorum** (Yemen, Saudi Arabia) (desc & na them by JJ Lavranos & LE Newton 1977 & disc by JJ Lavranos 1974).

Flores, Robert;

species nah:

(Echinocereus) **floresii** (Sinaloa) (desc & nah by C Backeberg 1949) —> **Echinocereus sciurus** ssp **floresii** by NP Taylor 1997;

disc species:

(Echeveria) **affinis** (Mex) (desc by EE Walther 1958);

disc variety:

(Echeveria semivestita var) **floresiana** (San Luis Potosi, Tamaulipas) (desc by EE Walther 1958).

Flores-Berrios, Ericka P;

Book [2007] *Agaves del Occidente de Mexico* [w M de J Chazaro Basanez, G Hernandez-Vera, JA Vazquez-Garcia, YL Vargas-Rodriguez] Guadalajara, Mex; Spanish; 221p w color photos.

Flores Hernandez, Arnoldo;

Book [1994] *El Nopal, Opuntia ssp en la Region Arida Lagunera*; Chapingo, Mex; Spanish; 15p.

†**Fobe**, W Friedrich (14 Nov 1864–1941); {Fobe}; Ger horticulturist; dir at Hempelsch Gutsgartnerei in Ohorn, Sachsen, Ger; spouse Marie Louise [née Blümel] (–30 Nov 1940);

Book [1910] *Die Kakteen und ihre Kultur* Perleberg, Ger; Ger; 44p,

[1927] *Kakteer* Perleberg; Ger; 40p;

species nah:

(Echinocereus) **fobeanus** (Coahuila) (desc & nah by H Oehme 1940) —> **Echinocereus chisosensis** ssp **fobeanus** by NP Taylor 2005.

†**Focke**, Hendrik Charles (16 Aug 1802–29 Jun 1856); {H.Focke}; Dutch botanist; interested in orchids; collected in Surinam;

genus nah:

Fockea (s Africa) (desc & nah by SFL Endlicher 1838);

desc species:

(Hypocyrta) **crassifolia** (Mex, Central Amer, Ecuador, Colombia, Venezuela, Trinidad, Guianas, Brazil, Peru) 1852 —> **Codonanthe crassifolia** by CV Morton 1938.

†**Foerster**, [Förster,] Arnold (20 Jan 1810–12 Aug 1884); {Foerster}; Ger entomologist; upper teacher in Aach

desc species;

(Mamm) **muehlenpfordtii** (Queretaro, Guanajuato) 1847 (na F Muehlenpfordt).

Foerster, CF — See **Forster**, CF.



Foik, Ewa [Eva] &



Voytek; Canadian photographers;

disc species:

(Yavia) **cryptocarpa** [w R Kiesling] (Jujuy) 2000 (desc by R Kiesling & J Piltz 2001).

†**Foley**, (Mr) WJ; RSA; worked at S African Museum Herbarium 1916–18 & at Natl Herbarium in Pretoria, RSA 1918~; collected in RSA 1916-18;

species nah:

(Bulbine) **foleyi** (Western Cape) (desc & nah by EP Phillips 1917).

Folsom, [née Brown,] (Dr) Debra Susan; US botanist & horticulturist; PhD in botany at Univ of Texas; research botanist & curator of herbarium at Huntington Bot Gardens, San Marino, Calif; spouse JP Folsom;

Book [1995] *Dry Climate Gardening w Succ* [w JP Folsom, JN Trager, JR Clements & N Scott] NY; 224p w 356 color photos by JN Trager.



Folsom, (Dr) James [Jim] Phillip (24 Aug 1950–); {Folsom}; US botanist & horticulturist; PhD in botany at Univ of Texas, Austin 1987; assistant curator & curator of Huntington Bot Gardens, San Marino, Calif 1984–91 & dir 1991~; instrumental in transfer of ISI to Huntington Bot Gardens 1988, obtaining Tegelberg collection for Desert Garden Conservatory 1992, making Huntington home for CSSA library 1992, & inviting CSSA to hold their show & sale at the Huntington 1993~; explored & collected in se US, Panama, Peru, Costa Rica, Colombia, Mex & Jamaica; interested in orchids & succ; CSSA Friend award 1996; CSSA Special Service award 2020; spouse DS Folsom;
Book 1995] *Dry Climate Gardening w Succ* [w D Folsom, JN Trager, JR Clements & N Scott] NY; 224p w 356 color photos by JN Trager.



†**Font Quer**, [Font I Quer,] (Prof) (Dr hc) Pio [Pius] (9 Apr 1888–2 Jan 1964); {Font Quer}; Spanish pharmacist, botanist & chemical scientist; prof of botany at Superior School of Agriculture, Barcelona, Spain 1923–39 & at Faculty of Pharmacy of Independent Univ, Barcelona 1933~; founder & dir of Bot Institute of Barcelona 1916–39; explored in Morocco 1912–13; honorary doctorate from Univ of Montpellier 1959;

desc species:

(Kalanchoe) **faustii** (Morocco) 1935 (na C Faust),
(Sedum) **wilczekianum** (Morocco) 1928 (na E Wilczek);

desc variety:

(Caralluma europaea var) **confusa** (Spain) 1924 (desc by PB Webb 1826).

Fontaine, Pierre; French horticulturist;

Book [2000] *Trois Siècles de Littérature Botanique en Français: Cactées, Plantes Grasses et Autres Plantes Succ* Monte Carlo, Monaco; French; 56p,

[2001] *Title De 1945 a 2000 ou: un demi-siècle de périodiques francophones spécialisés des plantes succulentes* Monte Carlo; 207p;

species nah:

(Aloe) **fontainei** (Mada) (desc & nah by N Rebman 2009).

†**Forbes**, (Dr hc) Henry Ogg (30 Jan 1851–27 Oct 1932); {H.O.Forbes}; Scottish ornithologist & naturalist; collected in Portugal 1875–77, in Far East 1878–86, in New Guinea 1885–86 & 1889, in Socotra 1898–99 & in Peruvian guano islands 1911–13; dir of Canterbury Museum, New Zealand 1890–93 & Liverpool Museum 1894–1911; honorary LLD at Univ of Aberdeen;

species nah:

(Aloe) **forbesii** (Socotra) (desc & nah by IB Balfour 1903).

†**Forbes**, James (1773–6 Jul 1861); {J.Forb.}; British horticulturist; head gardener to Duke of Bedford at Woburn Abbey, Eng;

Book [1833] *Hortus Woburnensis*; 440p,

[1837] *Journal of a Horticultural Tour Through Ger, Belgium and Parts of France in the Autumn of 1835: Catalogue of the different species of Cactaeae in the Gardens at Woburn Abbey* London, Eng; Eng; 164p w color plates.

†**Forbes**, (Prof) (Dr hc) Vernon Siegfried (1905–1993); prof in dept of geography at Rhodes Univ, Grahamstown, RSA; honorary doctorate from Rhodes Univ 1989;
Book [1980] *Paterson's Cape Travels 1777 to 1779* [w J Rourke] Johannesburg, RSA; 202p; (editors of); see also W Paterson.

†**Ford**, Lyman M; San Diego, Calif: nurseryman; imported cacti from Lower Calif;

species nah:

(Echinocactus) **fordii** (Baja Calif) (desc & nah by CR Orcutt 1900) —> **Ferocactus fordii** by NL Britton & JN Rose 1922.



Ford, Margorie Leet; US writer;

Book [1995] *Cactus—A Prickly Portrait of a Desert Eccentric* [w L Hinrichs & N Zurek]; San Francisco, Calif; 96p.



Foreman, Robyn; US floral designer;

Book [2013] *Planting Designs for Cactus & Succulents* [w J Bagnasco, S Buchanan & S Asakawa] Minneapolis, Minnesota; Eng; 176p w many color photos.

Forestier, Service; explored in Mada;

disc species:

(Tetradenia) **cordata** (Mada) (desc by PB Phillipson 1998).

†**Forman**, Lewis **Leonard** (29 Jun 1929–16 Jun 1998); {Forman}; British botanist; graduate at Queen Mary College, London Univ 1950; worked at Kew & scientific officer in herbarium 1966–89; co-editor of *The Herbarium Handbook* w Diane Bridson 1998;

Book [1989] *Beiselia mexicana (Burseraceae) & its Affinities* [w PE Brandham, MM Harley & TJ Lawrence]; 31p;

desc genus:

Beiselia (Michoacan) 1987 (na K-W Beisel);

desc species:

(Beiselia) **mexicana** (Michoacan) 1987 (disc by K-W Beisel 1982),
(Stephania) **suberosa** (Thailand) 1980.

Forneris, Guiliana (1946–); {Forneris}; Italian;

Book [1982] *Flora Ornamentale Dall 'iconografia Taurinensis* [w F Montacchini] Novara;

378p w 282 color plates by Italian artists Giovanni Ignazio Francesco Peyroleri,

Giovanni Antonio Bottione, Angela Maria Rossi Bottione & Maddalena Lisa Mussino; (includes c&s).

†**Forrer**, (Mr) A (fl. 1887);

disc species:

(Sedum) **forreri** (Durango) (desc & nah by EL Greene 1887).



†**Forrest**, George (13 Mar 1873–5 Jan 1932); {Forrest}; Scottish traveler and plant hunter; panned for gold in Australia 1891–1902; worked for IB Balfour in herbarium at Royal Bot Garden, Edinburgh, Scotland 1902–04; to China 1904; worked & collected some 31,000 plants in western China, Burma & Tibet 1904~; VMH 1921; FLS 1924;

Veitch Memorial Medal 1927; spouse Clementine Forrest;

species nah:

(Sedum) **forrestii** (Yunnan) (desc & nah by Raymond-Hamet 1912),

variety nah:

(Sedum indicum var) **forrestii** (Yunnan) (desc & nah by Raymond-Hamet 1912) —> **Sinocrassula indica** var **forrestii** by SH Fu 1965,

(Sedum yunnanense var) **forrestii** (China) (desc & nah by Raymond-Hamet 1912) —> **Rhodiola yunnanensis** ssp **forrestii** by H Ohba 1982.

Forrest, Thomas George (12 Jan 1943–); {T.G.Forest}; British economist & amateur botanist; to Kampala, Uganda 2001; MSc in economics at London School of Economics 1972; political economist at Ahmadu Bello Univ, Nigeria and Queen Elizabeth House, Univ of Oxford, Eng 1972-2000; botanist working with succ part-time in Uganda 2000~; explored for succ in Uganda 2000~;

Book [2017] *Aloes of Uganda, A Field Guide* [w TC Cole] Santa Barbara, Calif; Eng; 174p w over 150 color photos;

desc species:

(Aloe) **butiabana** [w TC Cole] (Uganda) 2011 (disc by TC Cole 2006),

(Aloe) **wanalensis** [w TC Cole] (Uganda) 2011 (disc by TC Cole 2005),

(Sansevieria) **lineata** (Uganda) 2013 (disc by him),

(Sansevieria) **newtoniana** (Uganda) 2014 (disc by TG Forrest 2007 & na LE Newton).



† **Forsskal**, [Forsskål, Forsskåhl, Forskal,] (Dr) Pehr [Per, Petrus, Petter, Pierre, **Peter**] (11 Jan 1732–11 Jul 1763); {Forssk.}; Finnish-Swedish naturalist & botanist; student of C Linnaeus at Uppsala Univ, Sweden; PhD at Univ of Göttingen, Ger 1756; prof of natural history at Univ of Copenhagen 1760; joined the Royal Danish expedition as naturalist (w C Niebuhr) collecting in Egypt, Arabia & Yemen 1761–63;

Book [1775] *Flora Aegyptiaco-Arabica** w his description of Kosari (*Dorstenia*) foetida; 219p,

[1776] *Icones Rerum Naturalium**; 48p;

*(pub after death by C Niebuhr.)

desc genus:

Adenia (tropical & s Africa, Mada, India, Sri Lanka, Malesia, Australia) 1775;

species nah:

(Smilacina) **forskaoliana** (Yemen, Sudan, Djibouti, Congo, Eritrea, Ethiopia, Somalia) (desc & nah by JH Schultes 1829) —> **Sansevieria forskaoliana** by FN Hepper & JRI Wood 1983,

(Sarcostemma) **forskaolium** (Saudi Arabia, Yemen) (desc & nah by JA Schultes 1820);

desc species:

(Adenia) **venenata** (Yemen, Ethiopia, Somalia, Kenya, Tanzania) 1775 (disc by him 1761),

(Aloe) **inermis** (Yemen) 1775 (disc by him 1774),

(Aloe) **officinalis** (Saudi Arabia, Yemen) 1775,

(Aloe) **pendens** (Yemen) 1775 (disc by him 1774),

(Aloe) **vacillans** (Saudi Arabia, Yemen) 1775,

(Asclepias) **stipitacea** (Saudi Arabia, Yemen, Oman, Ethiopia, Somalia, Kenya, Tanzania) 1775

—> **Sarcostemma viminale** ssp **stipitaceum** by U Meve & SL Liede 1996,

(Cacalia) **odora** (eastern Africa, Arabian Peninsula) 1775 —> **Senecio anteuphorbium** var **odorus** by GD Rowley 1958,

(Cacalia) **pendula** (Somalia, Ethiopia, Kenya, Arabian Peninsula) 1775 (disc by him 1762) —> **Senecio pendulus** by CH Schultz-Bipontinus 1845,

(Cacalia) **semperviva** (Yemen) 1775 —> **Senecio sempervivus** by CH Schultz-Bipontinus 1845,
 (Cotyledon) **deficiens** (Yemen) 1775 —> **Kalanchoe deficiens** by PFA Ascherson & GA Schweinfurth 1889,
 (Cotyledon) **lanceolata** (Mada, Guinea to Ethiopia down to RSA & Namibia) 1775 —> **Kalanchoe lanceolata** by CH Persoon 1805,
 (Crassula) **alba** (along eastern coast countries of Africa from RSA to Somalia into Arabia) 1775,
 (Euphorbia) **aculeata** (Yemen) 1775,
 (Euphorbia) **fruticosa** (Yemen) 1775,
 (Euphorbia) **triaculeata** (Arabian Peninsula, Sudan, Eritrea, Djibouti) 1775,
 (Ficus) **vasta** (s Arabian Peninsula, Socotra, Ethiopia, Sudan, Somalia, Kenya, Uganda) 1775,
 (Kosaria) **foetida** (Yemen, Somalia, Kenya, Tanzania, Saudi Arabia, Oman) 1775 —> **Dorstenia foetida** by GA Schweinfurth 1896,
 (Nerium) **obesum** (Arabia, Socotra, tropical & eastern Africa) 1775 —> **Adenium obesum** by JJ Roemer & JA Schultes 1819,
 (Ocimum) **hadiense** (Yemen) 1775 —> **Plectranthus hadiensis** by CL Sprenger 1894,
 (Orygia) **portulacifolia** (Africa, Arabia, India) 1775 —> **Talinum portulacifolium** by PFA Ascherson 1896,
 (Papularia) **cyrstallina** (Arabia, Ethiopia, Somalia, Sudan) 1775 —> **Trianthema crystallina** by M Vahl 1790,
 (Saelanthus) **rotundifolius** (Arabia, Ethiopia to Mozambique, Aire to Zimbabwe & RSA, Mascarene Islands) 1775 —> **Cissus rotundifolia** by M Vahl 1790;
 (Saelanthus) **ternatus** (Ethiopia, Sudan, Somalia, Kenya) 1775 —> **Cyphostemma ternatum** by BM Descoings 1967,
 (Stapelia) **quadrangula** (Saudi Arabia, Yemen, Oman) 1775 (disc by him 1763) —> **Caralluma quadrangula** by NE Brown 1892,
 (Stapelia) **subulata** (Arabia, Yemen) 1775 (disc by him c1762) —> **Caralluma subulata** by J Decaisne 1838.

† **Forster**, [Förster, Foerster,] Carl Friedrich (1817–1901); {C.F.Forst.}; Ger botanist & horticulturalist; curator at Berlin Bot Museum;

Book [1846] *Handbuch der Kakteenkunde in Ihrem Ganzen Umfange* Leipzig, Ger; Ger; 548p,
 [1886] *Handbuch der Cacteenkunde* [w KT Rümpler] Leipzig; Ger; (in 2 Vols);
 Vol 1; 512p
 Vol 2; 517p;

desc species;

(Cereus) **lageniformis** (Bolivia) 1861 —> **Echinopsis lageniformis** by H Friedrich & GD Rowley 1974,
 (Echinocactus) **islayensis** (Chile, Peru) 1861 —> **Eriosyce islayensis** by F Kattermann 1994,
 (Opuntia) **sphaerica** (Peru, Chile) 1861 —> **Cumulopuntia sphaerica** by EF Anderson 1999.

† **Forster**, Edward (12 Oct 1765–23 Feb 1849); {E.Forst.}; British botanist & banker; VP of Linnean Soc 1828; spouse Mary-Jane [née Greenwood] Forster (–Jan 1846);

species nah:

(Sedum) **forsterianum** (Ger, Spain, Belgium, Luxembourg, Ireland, Netherlands, Great Britain, France, Portugal) (desc by JE Smith 1808).



† **Forster**, Johann **Georg** Adam (27 Nov 1754–10 Jan 1794); {G.Forster}; Ger naturalist, ethnologist, travel writer & journalist; member of Royal Soc 1776; naturalist on James Cook's

second voyage around world 1772–75; prof of natural history at Collegium Carolinum, Kassel & at Academy of Vilna 1784–87; librarian at Univ of Mainz 1788; spouse Therese [née Heyne] Forster;

desc species:

(Crassula) **moschata** (Argentina, Chile, Tasmania, New Zealand, some Antarctic islands) 1787,

(Dracaena) **australis** (New Zealand) 1786 → **Cordyline australis** by JD Hooker 1860,

(Piper) **tetraphyllum** (tropics worldwide) 1786 → **Peperomia tetraphylla** by WJ Hooker & GAW Arnott 1831.



Forster, (Dr) **Paul** Irwin (3 Nov 1961–); {P.I.Forst.}; Australian botanist;

DSc in botany at Queensland Univ 2004; botanist at Queensland Herbarium 1991~, senior botanist 1995~; interested in systematics of Asclepiadaceae, Apocynaceae, Euphorbiaceae, Lamiaceae,

Rubiaceae & Australian succ; explored in Australia 1978~, in Solomon Islands 1991, in New Guinea, Indonesia & Singapore 1992, in RSA 1998, 2001, 2003, in Thailand 2002, in US 2002, 2005 & in Mex & Japan 2005,; IOS member 1997; spouse (Dr) Jenny [née Beard] Forster (1972–), acarologist;

Book [1986] *Hoya in Australia* [w DJ Liddle] Queensland, Australia; 39p; (editor of),

[1986] *Proceedings of Succulenticon'86* Queensland; Eng; 41p,

[1991] *A Taxonomic Revision of Cynanchum L. (Asclepiadaceae: Asclepiadoideae) in Australia*; Eng; 26p,

[1991] *Variations in Hoya Australis* [w DJ Little]; 20p,

[1992] *Hoyas in Papuasias* [w DJ Liddle] Fortitude Valley; 16p; (in S Pacific);

desc genus:

Madangia [w DJ & IM Liddle] (Papua New Guinea) 1997;

desc species:

(Aloe) **bruynsii** (Mada) 2003 (disc by PV Bruyns 1993 & nah),

(Euphorbia) **brassii** (Papua New Guinea) 1994,

(Hoya) **magnifica** [w DJ Liddle] (Papua New Guinea) 1992,

(Hydnophytum) **ferrugineum** (Queensland) 2001,

(Madangia) **inflata** [w DJ & IM Liddle] (Papua New Guinea) 1997,

(Marsdenia) **brevis** (Queensland) 1995,

(Marsdenia) **pumila** (Queensland) 1995,

(Marsdenia) **rara** (Queensland) 1995,

(Peperomia) **hunteriana** (Queensland) 1999 (disc by LJ Brass 1932 & na J Hunter),

(Plectranthus) **actites** (Queensland) 1994,

(Plectranthus) **arenicola** (Queensland) 1991,

(Plectranthus) **blakei** (Queensland) 1992 (na ST Blake),

(Plectranthus) **cyanophyllus** (Queensland) 1994,

(Plectranthus) **excelsus** (Queensland) 1994,

(Plectranthus) **fasciculatus** (Queensland) 1999,

(Plectranthus) **minutus** (Queensland) 1992,

(Plectranthus) **thalassoscopicus** (Queensland) 1997,

(Sarcostemma) **arabicum** [w PV Bruyns] (Saudi Arabia, Yemen) 1991,

(Sarcostemma) **brevipedicellatum** (Northern Territory, Queensland) 1992;

transfer species:

“Agave deweyana” (WA Trelease 1909) → **Agave vivipara** var **deweyana** 1992,

“Agave letonae” (WA Trelease 1925) → **Agave vivipara** var **letonae** 1992,

“Agave nivea” (WA Trelease 1915) → **Agave vivipara** var **nivea** 1992,

“Hoya rupicola” (KD Hill 1988) → **Hoya australis** ssp **rupicola** [w DJ Liddle] 1991,

“Sarcostemma australe” (R Brown 1810) → **Sarcostemma viminalis** ssp **australe** 1992,

“*Sarcostemma brunonianum*” (R Wight & GAW Arnott 1834) —> ***Sarcostemma viminalis*** ssp ***brunonianum*** 1992;

desc subsp:

(*Hoya australis* ssp) ***oramicola*** [w DJ Liddle] (Northern Territory) 1991,

(*Hoya calycina* ssp) ***glabrifolia*** [w DJ Liddle] (Papua, Papua New Guinea) 1992;

transfer subsp:

“*Hoya oligotricha* ssp *tenuipes*” (KD Hill 1988) —> ***Hoya australis*** ssp ***tenuipes*** [w DJ Liddle] 1991;

desc variety:

(*Gynura drymophila* var) ***glabrifolia*** [w A Thongpukdee] (Queensland) 1988.



† **Fosberg**, (Dr) Francis Raymond [**Ray**] (20 May 1908–25 Sep 1993); {Fosberg};

US botanist & ecologist; PhD at Univ of Pennsylvania, Philadelphia 1939; worked for

US Geological Survey 1950–65; advisor & curator at Smithsonian Institute 1966–78; interested in conservation, ecology, geography, geology & floras of Calif, S Amer & Polynesia; made over 56,000

plant collections in S Amer, Caribbean, Mada & many Pacific Islands; received honorary degrees from

Pomona College, Calif 1980, Guam Univ 1985, Sri Lanka Univ 1986 & Fiji Univ 1989; first spouse Violet Mildred [née Oliveira] Fosberg (1911–1975), second spouse Suzanne [née Ripley] Fosberg (1936–).

† **Foster**, Cyril W; Krugersdorp, RSA;

species nah:

(*Aloe*) ***fosteri*** (Mpumalanga) (desc & nah by NS Pillans 1933);

disc species:

(*Aloe*) ***suffulta*** (Mozambique, Natal) 1934 (desc by GW Reynolds 1937).

† **Foster**, Luther;

Book [1918] *Range Cow Maintenance on Yucca and Sotol* [w CW Humble] Albuquerque, New Mex; Eng; 27p.



† **Foster**, Mulford Bateman (25 Dec 1888–28 Aug 1978); {M.B.Foster}; US artist, naturalist, horticulturist, hybridizer & landscape architect; owner of *Tropical Arts Nursery*, Orlando, Florida in

1920s for 30 years; collected in Mex & Brazil; interested in bromeliads;

co-founder (w V Padilla) of Bromeliad Soc International 1950 & its first pres 1951–59;

Mulford B Foster Bromeliad Identification Center at Marie Selby Bot Gardens, Sarasota, Florida nah 1979;

International Bulb Soc Herbert Medal award 1951; spouse

Eva Racine [née Sarasy] Foster (1 Mar 1910–21 Mar 1991);

disc species:

(*Peniocereus*) ***fosterianus*** (Chiapaa, Oaxaca, Guerrero) 1935 (desc & nah by LT Cutak 1946).



† **Foster**, Robert [**Bob**] Allen (14 Jan 1938–Jan 2002); {R.A.Foster}; US horticulturist &

nurseryman; co-owner w CE Glass at *Abbey Garden Nursery* 1966–80; explored w CE Glass in

Mex 1964–72; IOS member 1969; CSSA Fellow award 1987; first spouse Dottie Foster, second

spouse Diane [née Dunhill] Foster;

Book [1963–80] *Mex Log Book** Reseda, Calif; Eng; 264p,

[1966] *Cactus journal Family Album 1966 Yearbook**; Eng; 98p,

[1973] *Plant Exploration in the States of Oaxaca & Chiapas** Santa Barbara, Calif; Eng; 58p; (c&s notes of TB MacDougall from 1936 to 1971),

[1975] *1975 Yearbook** (supplement to CSSA Journal) Reseda, Calif; Eng; 104p,

[1976] *C&S for the Amateur** Santa Barbara, Calif; Eng; 80p,

[1979] *Revision of the Genus Turbinicarpus** Reseda; Eng; 16p; (from CSSA Journal);

*[w CE Glass]

desc species

(Mamm) **glassii** (Nuevo Leon) 1968 (disc by RA Foster & CE Glass 1968 & na CE Glass).

[See listing under CE Glass for other species, subsp &/or var desc &/or transferred by both CE Glass & RA Foster.]

†**Fouquier**, (Dr med) Pierre Éloi [Edouard] (26 Jul 1776–5 Oct 1850); French physician & naturalist; medical professor of King Louis-Philippe in Paris;

genus nah:

Fouquieria (sw US, Mex) (desc & nah by CS Kunth 1823).



†**Fourcade**, (Dr hc) Henri [Henry] Georges [George] (8 Jul 1865–19 Jan 1948); {Fourc.}; France to RSA 1880; forest officer, surveyor & botanist; collected in RSA; Royal Soc of S Africa Fellow 1927; honorary PhD at Univ of Cape Town 1930 & at Univ of S Africa 1947; his herbarium collection & library turned over to Bolus Herbarium, Univ of Cape Town, RSA 1948; never married;

Book [1940] *Check-list of the Flowering Plants of the Divisions of George, Knysna, Humansdorp & Uniondale* Pretoria, RSA; 127p;

species nah:

(Mesemb) **fourcadei** (Eastern Cape) (desc & nah by HML Bolus 1927) —> **Drosanthemum fourcadei** by MHG Schwantes 1927,

(Trichodiadema) **fourcadei** (Eastern Cape) (desc & nah by HML Bolus 1928);

desc species:

(Haworthia) **monticola** (Eastern Cape, Western Cape) 1937,

(Pelargonium) **mollicomum** (Eastern Cape) 1932.



†**Fourcroy**, (Prof) (Dr med) Antoine François de (15 Jun 1755–16 Dec 1809); French politician, physician, naturalist & chemist; MD 1780; prof of chemistry at Jardin du Roi, Paris, France 1784; joined Académie Royal des Sciences 1785;

genus nah:

Furcraea (Mex, West Indies, Central Amer, Colombia, Venezuela, Peru, Bolivia, Brazil, Paraguay) (desc & nah by E-P Ventenat 1793).

Fourie, Denise MC;

Book [1990] *Guide to Publications on the Southern African Flora* Claremont, RSA; Eng; 43p.



Fourie, Stephanus [Steve] Petrus (3 Sep 1949–); RSA horticulturist & conservationist; BSc 1974; conservation officer at Transvaal Dept of Nature Conservation Flora Exploration Team, RSA 1975~; interested in euphorbias;

species nah:

(Aloe) **fouriei** (Mpumalanga) (desc & nah by DS Hardy & HF Glen 1987).

Fournier, D;

Book [1979] *Modes d'exploitation de l'Agave et organisation sociale* Paris, France.

†**Fournier**, (Dr) Paul-Victor (29 Dec 1877–20 May 1964); {P.Fourn.}; French botanist & clergyman; PhD at Paris Univ, France 1928;

Book [1935] *Les Cactées et les Plantes Grasses* Paris, France; French; (in 2 Parts);
Part 1; 304p ;
Part 2; 110p + 64 color & 17 black & white plates.

†**Fourreau**, Pierre-Jules [Jules, Jules-Pierre] (25 Aug 1844–16 Jan 1871); {Fourr.}; French botanist in Lyon, France; attended Collège des Minimes 1858–62; worked w CTA Jordan; collected in French & Italian Alps;

desc genera:

Cepaea 1868 (syn of *Sedum* LINNAEUS),

Diopogon [w A Jordon] 1868 (syn of *Sempervivum* LINNAEUS);

desc species:

(*Diopogon*) **allionii** [w CTA Jordan] (Alps in France, Italy) 1868 (na C Allioni) —> **Sempervivum globiferum** ssp **allionii** by H 't Hart & B Bleij 1999.

Fowler, Allan; US writer; author of non-fiction books for children;

Book [2001] *Cactuses*; Eng; 31p; (juvenile).

†**Fowlie**, (Dr med) Jack Archie (12 Dec 1929–29 Nov 1993); {Fowlie}; US physician & orchidologist in La Canada, Calif; editor of *The Orchid Digest*; explored & collected in Mex, Central Amer & n S Amer;

disc species:

(*Rhipsalis paradoxa* var) **catenulata** (Espírito Santo, Rio de Janeiro) 1976 (desc by MW Kimnach 1992) —> **Rhipsalis pacheco-leonis** ssp **catenulata** by WA Barthlott & NP Taylor 1995.

†**Fraile**, Manuel (30 Jun 1850–1 Aug 1944); Spanish gardener & horticulturist to US 1882; took care of cactus collection at USDA, Washington, DC; spouse Mary Fraile;

genus nah:

Frailea (Brazil, Uruguay, Paraguay, Argentina, Bolivia, Colombia) (desc & nah by NL Britton & JN Rose 1922);

species nah:

(*Neomammillaria*) **fraileana** (Pichilínque, Cerralbo, Santa Catalina Islands off Baja Calif) (desc & nah by NL Britton & JN Rose 1923 & disc by JN Rose 1911) —> **Mamm albicans** ssp **fraileana** by DR Hunt 1997.

†**Frames**, Percival [Percy] Ross (18 Dec 1863–Nov 1947); RSA solicitor & cultivator of succ; dir of Premier Diamond & De Beers Companies, Kimberley, RSA; member of National Bot Gardens, Kirstenbosch; vice president of Bot Soc of RSA; studied Aloes & Stapeliads;

species nah:

(*Argyroderma*) **framesii** (Cape) (desc & nah by HML Bolus),

(*Cephalophyllum*) **framesii** (Northern Cape, Western Cape) (desc & nah by HML Bolus 1929),

(*Delosperma*) **framesii** (Transvaal) (desc & nah by HML Bolus 1929),

(*Drosanthemum*) **framesii** (Western Cape) (desc & nah by HML Bolus 1927),

(*Hymenocylus*) **framesii** (Western Cape) (desc & nah by HML Bolus 1929) —> **Malephora framesii** by HJ Jacobsen & MHG Schwantes 1958,

(*Mesemb*) **framesii** (Western Cape) (desc & nah by HML Bolus 1928) —> **Lampranthus framesii** by NE Brown 1930,

(*Ruschia*) **framesii** (Eastern Cape) (desc & nah by HML Bolus 1928);

disc species:

(*Aloe*) **framesii** (Northern Cape, Western Cape) 1929 (desc & nah by HML Bolus 1933),

(Caralluma) **framesii** (Western Cape) 1926 (desc & nah by NS Pillans 1928) —> **Quaqua framesii** by PV Bruyns 1983,

(Caralluma) **tessellata** (Northern Cape, Western Cape) 1929 (desc by NS Pillans 1933)
—> **Notechidnopsis tessellata** by JJ Lavranos &
MC Bellerue-Bleck 1985,

(Conophytum) **marginatum** (Little Namaq) 1929 (desc by MG Lavis 1930),
(Echidnopsis) **framesii** (Western Cape) 1929 (desc & nah by AC White & BL Sloane 1937),
(Euphorbia) **sekukuniensis** (Mpumalanga) 1930 (desc by RA Dyer 1940),
(Piaranthus) **framesii** (Northern Cape, Western Cape) 1926 (desc & nah by NS Pillans 1928).



† **Franchet**, Adrien René (21 Apr 1834–15 Feb 1900); {Franch.}; French botanist in Paris; conservator of mineralogical & anthropological collections of Marquis de Vibraye at chateau de Cour-Cheverny (Loire-et-Cher) 1857–80; dir of Phanerogamy dept at Museum d'Histoire Naturelle, Paris 1881 & 1886~; pres of Société Botanique de France 1898; received collected plants from missionaries in eastern Asia; interested in flora of China & Japan;

species nah:

(Sedum) **franchetii** (Yunnan) (desc & nah by L Grande 1914);

desc species:

(Crassula) **yunnanensis** (Yunnan) 1896 —> **Sinocrassula yunnanensis** by A Berger 1930,
(Sedum) **discolor** (Nepal, Sikkim, Tibet, China) 1896 —> **Rhodiola discolor** by SH Fu 1965,
(Sedum) **dumulosum** (Bhutan, Myanmar, western China) 1883 —> **Rhodiola dumulosa** by SH Fu 1965,
(Sedum) **elatinoides** (Myanmar, China) 1883,
(Sedum) **leucocarpum** (China) 1896,
(Sedum) **nobile** (Myanmar, China) 1896 —> **Rhodiola nobilis** by SH Fu 1965,
(Sedum) **obtusipetalum** (China) 1896,
(Sedum) **platysepalum** (China) 1896,
(Sedum) **primuloides** (China) 1896 —> **Rhodiola primuloides** by SH Fu 1965,
(Sedum) **scabridum** (Sikkim, Tibet, China) 1896 —> **Rhodiola coccinea** ssp **scabrida** by H Ohba 1982,
(Sedum) **stellariifolium** (China, Taiwan) 1883,
(Sedum) **yunnanense** (India, Tibet, Myanmar, China) 1896 —> **Rhodiola yunnanensis** by SH Fu 1965.

† **Franck**, Harry (1838–15 Aug 1906); Frankfurt, Ger; very large succ collection;

species nah:

(Euphorbia) **franckiana** (Eastern Cape) (desc by A Berger 1907).

† **Francois**, [François,] Edmond; (28 Feb 1887–16 Jun 1950); French agronomist & administrator; owner of farm near Fort Dauphin, Mada; founder & first Dir of Parc Botanique et Zoologique de Tananarive, Mada 1925–35; inspector general of agriculture, Tananarive, Mada 1936;

Book [1937] *Memories de L'Academie Malgache Plantes de Mada Mada*; French;

species nah:

(Euphorbia) **francoisii** (Mada) (desc & nah by J Leandri 1946 & disc by J-H Humbert).

Francombe, Colin (fl. 1994); Kenya; manager of Ol Ari Nyiru ranch, Kenya;

species nah:

(Aloe) **francombei** (Kenya) (desc & nah by LE Newton 1994 & disc by P Leakey).



Frandsen, Robin MI (20 Apr 1935–); {Frandsen}; Cape Town, RSA;

Book[2017] *Succ of Southern Africa* Somerset West, RSA; 536p w 2,500 color photos;

disc species:

(Stapelia) **cedrimontana** (Western Cape) 1972 (desc by him 1975);

desc species:

(Caralluma) **sarkariae** [w JJ Lavranos] (India) 1978 (na JS Sarkaria).



Frank, (Dr) **Gerhard** RW (fl. 1963–78); {G.Frank}; Austria; IOS member 1984;

Book [1997] *Die Echinocereus pectinatus-Echinocereus dasyacanthus-Gruppe*; Ger;

143p w 168 color photos; (+58p Eng translation booklet),

[1998] *Die longiseti-Komplex der Gattung Echinocereus* [w E Scherer & K Neumann]

Ruderting; Ger; 66p w 40 color photos,

[2001] *Die Echinocereen der Baja Calif* [w A & M Ohr & RC Romer] Hirschberg; Ger/Eng;

341p w 347 color photos;

desc species

(Echinocereus) **freudenbergeri** (Coahuila) 1981 (na G Freudenberger),

(Echinocereus) **laui** (Sonora) 1978 (disc by AB Lau 1974 & nah),

(Echinocereus) **metornii** (Coahuila) 1990 (disc by W Metorn 1989 & nah);

transfer species:

“Cereus ctenoides” (GT Engelmann 1856) —> **Echinocereus pectinatus** ssp **ctenoides** 1991;

desc subsp:

(Echinocereus reichenbachii ssp) **burrensis** (Coahuila) 2000 (disc by him 2000);

desc variety:

(Echinocereus scheeri var) **koehresianus** (Durango, Sinaloa) 1988 (disc by AB Lau 1975)

—> **Echinocereus ortegae** ssp **koehresianus** by H Rischer & GRW Frank 1996,

(Echinocereus rigidissimus var) **rubispinus** [w AB Lau] (Chihuahua) 1982 —> **Echinocereus rigidissimus**

ssp **rubispinus** by NP Taylor 1997.

†**Frank**, (Dr) **Gerhart** (28 Mar 1917–25 Aug 1995); {Gerhart Frank}; Austrian archaeologist;

VP of Austrian Cactus Soc 1955–59 & pres 1960–63; founded *KuaS*, journal of Ger, Austrian &

Swiss Cactus Societies; explored & collected in Argentina, Bolivia, US & Mex, & later in Yemen & Oman;

specialist on genus *Turbinicarpus*; IOS member 1963;

desc species:

(Toumeyia) **krainziana** (Queretaro) 1968 (na H Krainz) —> **Turbinicarpus pseudomacrochele** ssp

krainzianus by CE Glass 1997,

(Turbinicarpus) **bonatzii** (San Luis Potosi) 1992 (disc by H-J Bonatz 1991 & nah) —> **Turbinicarpus**

schmiedickeanus ssp **bonatzii** by P Panarotto 1999,

(Turbinicarpus) **flaviflorus** (San Luis Potosi) 1979 (disc by AB Lau 1978) —> **Turbinicarpus**

schmiedickeanus ssp **flaviflorus** by CE Glass 1997,

(Turbinicarpus) **jauernigii** (San Luis Potosi) 1993 (disc by J Jauernig 1991 & nah) —> **Turbinicarpus**

schmiedickeanus ssp **jauernigii** by DR Hunt 2005;

(Turbinicarpus) **rioverdensis** (San Luis Potosi) 1992 (disc J Jauernig 1989) —> **Turbinicarpus**

schmiedickeanus ssp **rioverdensis** by JM Luthy 1999;

desc variety:

(Turbinicarpus pseudomacrochele var) **lausseri** [w L Diers] (Hidalgo, Queretaro) 1991 (na A Lausser)

—> **Turbinicarpus pseudomacrochele** ssp **lausseri** by CE Glass 1997,

(Turbinicarpus schwarzii var) **rubriflorus** (San Luis Potosi) 1993 (disc by HJ Bonatz 1991)

—> **Turbinicarpus schmiedickeanus** ssp **rubriflorus** by P Panarotto 1999;

desc forma:

(*Turbinicarpus krainzianus* f.) **minimus** (Hidalgo) 1989 (disc by H-J Bonatz 1987) —> **Turbinicarpus pseudomacrochele** ssp **minimus** by JM Luthy & A Hofer 2002.



† **Franks**, [later Flanders,] Millicent (6 Oct 1886–11 Feb 1961); {Franks}; RSA botanical artist; assistant to JM Wood at Natal Herbarium 1901~ where she illustrated many species in Wood's *Natal Plants* book; spouse Howard Flanders;

species nah:

(*Euphorbia*) **franksiae** (Natal) 1910 (desc by NE Brown 1915);

disc species:

(*Brachystelma*) **franksiae** (Natal) (desc by NE Brown 1912).

Franssen, H;

Book [1985] *Ein Beitrag zum Studium des Artenkomplexes um Notocactus ubelmannianus* = "An Addition to the Studies of the *Notocactus ubelmannianus* Complex" [w G Buchner, J Hovens & G Konigs] Lottum; Ger; 30p.

† **Franzosini**, Francesco (fl. 1892); Italian nobleman; owner of a garden at Intra on Lake Maggiore, Italy;

species nah:

(*Agave*) **franzosinii** (desc & nah by JG Baker 1892).



Fraser, Mike & Liz; RSA; Mike is conservation officer w Royal Soc for Protection of Birds; Liz [nee McMahon] honours degree in illustration & printmaking from Duncan of Jordanstone College of Art, Dundee; botanical & wildlife artist & secondary-school additional-needs teacher;

Book [2011] *The Smallest Kingdom—Plants & Plant Collectors at the Cape of Good Hope*; Eng; 221p.

Fraser, Joseph G;

Book [1974] *Ecological Characteristics of Walkingstick Cholla* [w KH Rea & RD Pieper] Las Cruces, New Mex; Eng; 20p; (*Opuntia imbricata*).

Freeman, Thomas Patrick; US at dept of botany, North Dakota State Univ, Fargo;

Book [1969] *Developmental Anatomy of Opuntia basilaris Engelmann & Bigelow*; Eng; 101p.



† **Frere**, (Sir) Henry **Bartle** Edward (29 Mar 1815–29 May 1884); British administrator; Governor of Bombay 1862–67; promoter of scientific researcher in India; awarded Knight & Baron 1876;

genus nah:

Frerea (India) (desc & nah by JM Dalziel 1865);

species nah:

(*Caralluma*) **frerei** (India) (desc & nah by GD Rowley 1958).

Freudenberger, Gerhard (fl. 1981); Ger farmer near Bad Rappenau;

species nah:

(*Echinocereus*) **freudenbergeri** (Coahuila) (desc & nah by G Frank 1981).

Frewen, Charles; Eng to Brazil c1985;

species nah:

(*Pilosocereus*) **frewenii** (Minas Gerais) (desc & nah by DC Zappi & NP Taylor 2011 & disc by them 2009).

† **Freyn**, Josef [József, Joseph] Franz [Frantisek] (7 Dec 1845–16 Jan 1903); {Feyn}; Austrian civil engineer & amateur botanist in Prague, Czech Rep; worked in construction of railways in Hungary 1867–74 & studied flora, & in Istria 1874–78; owner of construction business in Prague 1881~;

desc species:

(Sedum) **pallenscens** (Russia, China, Japan) 1895 → **Hylotelephium pallenscens** by H Ohba 1977.



† **Fric**, [Frič, Friè,] Alberto [Albrecht] Vojtěch (8 Sep 1882–4 Dec 1944); {Fric}; Prague, Czech cactologist, ethnologist & commercial grower; made 8 trips to the American continent & collected in Brazil, Paraguay, Bolivia, Argentina, Uruguay, US (Texas) & Mex 1901–1932, had a tendency to ignore the Code of Nomenclature in setting up his own classification of cacti which upset many of the

leading botanists of the time; first to segregate genera n & s of the equator;

Book [1924] *Kaktusy, Suklenty a Jejich Pesteni* Prague, Czech Rep; Czech; 164p,

[1924] *O Kaktech (a Jejich Narkotických Učinich)* Prague; Czech; 56p,

[c1930] *Kakteenjager zu Hause*; 12p; (brochure of his nursery),

[1936] *Rebotioideae* Prague; Czech; 4p,

[1936] *Verwandschaftssystem der Kakteen*,

[1936] *Abablehnung der Deutschen Kakteen-Gesellschaft* [w KG Kreuzinger] Prague;

desc genera:

Cylindrorebutia [w KG Kreuzinger] 1938 (syn of Rebutia K SCHUMANN),

Neowerdermannia (Peru, Bolivia, Chile, Argentina) 1930 (na E Werdermann),

Obregonia (Tamaulipas) 1925 (na A Obregon);

species nah:

(Stenocereus) **fricii** (Michoacan, Colima, Jalisco) (desc & nah by H Sanchez-Mejorada 1973 & disc by H Sanchez-Mejorada 1971);

disc species:

(Echinopsis) **chrysantha** [w E Stuemer, CC Hosseus & O Marsoner] (Salta) 1930 (desc by E Werdermann 1931),

(Gymnocalycium) **marsoneri** (Argentina) 1934 (desc by Y Ito 1957 & na O Marsoner);

desc species:

(Echinocactus) **mihanovichii** [w RLA Gurke] (Paraguay) 1905 (disc by AV Fric 1903 & na N Mihanovich)

→ **Gymnocalycium mihanovichii** by NL Britton & JN Rose 1922,

(Neowerdermannia) **vorwerkii** (Argentina, Bolivia) 1930 (na W Vorwerk),

(Obregonia) **denegrii** (Tamaulipas) 1925 (disc by AV Fric & M Castaneda 1923 & na R Denegri),

(Rebutia) **einsteinii** (Jujuy, Salta) 1932 (na A Einstein).



† **Frick**, Gustav [Gerhard] Adolph (1 Mar 1878–24 Jan 1974); {Frick}; Ger to US 1898;

US laundry operator & avid grower of c&s in Calif specializing in genus Euphorbia; one of 3 people that started CSSA in 1928 (w J West & A Houghton); wrote articles for new CSSA

C&S Journal, edited & printed by SE Haselton; editor of *The Euphorbia Review* 1935–37 w

only 10 issues; spouse Emma Frick.

† **Friedmann**, (Dr) Emerich Imre (20 Dec 1921–11 Jun 2007); {Friedmann}; Hungarian botanist, mycologist & phycologist; PhD in botany & zoology at Univ of Vienna 1951; to US 1965, spouse Roseli {née Ocampo} Friedmann;

desc species:

(Euphorbia) **famatamboay** [w G Cremers] (Mada) 1976;

desc subsp:

(Euphorbia famatamboay ssp) **itampolensis** [w G Cremers] (Mada) 1976.



† **Friedrich, Adolfo** Maria (13 Nov 1897–15 Jan 1987); Austrian photographer & amateur botanist; to Brazil 1923; to Paraguay 1926 as war photographer & correspondent for Paraguayan army in war with Bolivia; collected in Paraguay 1933~; sent some 6,000 collected plants to G Moser 1962~; spouse Selia Friedrich;

disc species:

(Gymnocalycium) **megatae** (Paraguay) c1934 (desc by Y Ito 1957) —> **Gymnocalycium marsoneri** ssp **megatae** by GJ Charles 2009,
(Gymnocalycium) **stenopleurum** (Paraguay) c1934 (desc by F Ritter 1979).



† **Friedrich**, (Dr) **Hans** Christian (29 Dec 1925–6 Oct 1992); {Friedr.}; Ger botanist; PhD at München Univ 1954; scientific assistant at München Bot Garden 1955–59 & curator 1959~; collected succ in Namibia 1974–75; pub papers on Aizoaceae & Crassulaceae; IOS member 1967 & secretary 1972–80;

desc genera:

Aizoanthemum (Angola, Namibia, Canary Islands, Spain, along s coasts of Mediterranean Sea to Syria, Armenia, Iraq, Iran) 1957,

Ruschianthemum (Namaq) 1960 (na EFT Rusch);

desc species:

(Aizoon) **giessii** (Namibia) 1960 (na JWH Giess),
(Crassula) **commutata** (Namibia, Northern Cape) 1967 —> **Crassula rupestris** ssp **commutata** by HR Tolken 1975,
(Crassula) **cultriformis** (Namibia, Northern Cape) 1967 —> **Crassula atropurpurea** var **cultriformis** by HR Tolken 1975,
(Crassula) **gemmifera** (Lesotho, Eastern Cape, Free State, Natal) 1979,
(Crassula) **giessii** (Namibia) 1974 (na JWH Giess) —> **Crassula ausensis** ssp **giessii** by HR Tolken 1975,
(Crassula) **fallax** (Western Cape) 1974,
(Crassula) **herrei** (Northern Cape) 1967 (na AGJ Herre) —> **Crassula nudicaulis** var **herrei** by HR Tolken 1975,
(Crassula) **namibensis** (Namibia) 1967 —> **Crassula elegans** ssp **namibensis** by HR Tolken 1975,
(Crassula) **numaisensis** (Namibia) 1967,
(Crassula) **plegmatoides** (Namibia, Northern Cape) 1967,
(Crassula) **pseudohemisphaerica** (Namibia, Northern Cape, Western Cape) 1960,
(Crassula) **susannae** [w WHH Rauh] (Little Namaq) 1962 (disc by Susanna Lavranos & nah),
(Crassula) **velutina** (Namibia, Northern Cape) 1967 —> **Crassula sericea** var **velutina** by HR Tolken 1975,
(Echinopsis) **rowleyi** 1974 (disc by JA Shafer 1916 & na GD Rowley),
(Mesemb) **pellitum** (Namaq) 1968,
(Ruschia) **namusmontana** (Great Namaq) 1968,
(Ruschia) **pollardii** (Great Namaq) 1961 (na ? Pollard),
(Stoeberia) **carpii** (Namaq) 1960 (na B Carp);

transfer species:

“Aizoon dinteri” (H Schinz 1898) —> **Aizoanthemum dinteri** 1957,
“Aizoon galenioides” (OW Sonder 1862) —> **Aizoanthemum galenioides** 1957,
“Aizoon mossamedense” (FMJ Welwitsch 1871) —> **Aizoanthemum mossamedense** 1960,

“Bulliarda elatinoides” (CF Ecklon & KLP Zeyher 1837) → **Crassula elatinoides** 1979,
 “Mesemb gigas” (MK Dinter 1923) → **Ruschianthemum gigas** 1960,
 “Mesemb hoerleinianum” (MK Dinter 1923) → **Lampranthus hoerleinianus** 1960,
 “Mesemb otzenianum” (MK Dinter 1923) → **Lampranthus otzenianus** 1960,
 “Mesemb schultzei” (FRR Schlechter & FLE Diels 1907) → **Leipoldtia schultzei** 1960,
 “Trichocereus knuthianus” (C Backeberg 1937) → **Echinopsis knuthiana** [w GD Rowley] 1974,
 “Trichocereus werdermannianus” (C Backeberg 1936) → **Echinopsis werdermanniana** [w GD Rowley]

1974;

desc subsp:

(*Crassula columnaris* ssp) **prolifera** (Namibia, Northern Cape) 1974.



† **Friedrich**, (Dr) **Heimo** von (1 Jun 1911–17 Mar 1987); {H.Friedr.}; Austrian botanist; IOS member 1963, secretary 1971–82 & honorary member 1982; specialist in Echinopsis; **Book** [1966] *Mein Kleines Kakteenbuch* = "My small Kakteenbuch" Frankfurt, Ger; Ger; 104p w 21 color photos,

[2000–04] *Kompendium der Feldnummern der Gattung Sulcorebutia Zusammengestellt* [w W Gertel]

Ingelheim, Ger; Ger; checklist of field numbers & locations for *Sulcorebutia* collected by number of explorers below

	color photos	explorers
[2000] 70p	8	36;
[2001] 82p	16	40;
[2002] 88p	17	43;
[2004] 95p	13	45;

desc species:

(*Echinopsis*) **chamaecereus** [w W Glaetzle] (Tucuman, Salta) 1983;

transfer species:

“Cactus chiloensis” (LA Colla 1827) → **Echinopsis chiloensis** [w GD Rowley] 1974,
 “Cactus coquimbanus” (JI Molina 1782) → **Echinopsis coquimbana** [w GD Rowley] 1974,
 “Cereus atacamensis” (RA Philippi 1860) → **Echinopsis atacamensis** [w GD Rowley] 1974,
 “Cereus deserticola” (E Werdermann 1929) → **Echinopsis deserticola** [w GD Rowley] 1974,
 “Cereus huascha” (FAC Weber 1893) → **Echinopsis huascha** [w GD Rowley] 1974,
 “Cereus lageniformis” (CF Forster 1861) → **Echinopsis lageniformis** [w GD Rowley] 1974,
 “Cereus strigosus” (JFM Salm-Dyck 1834) → **Echinopsis strigosa** [w GD Rowley] 1974,
 “Cereus tacaquirensis” (FKJ Vaupel 1916) → **Echinopsis tacaquirensis** [w GD Rowley] 1974,
 “Cereus tarijensis” (FKJ Vaupel 1916) → **Echinopsis tarijensis** [w GD Rowley] 1974,
 “Cereus terscheckii” (LKG Pfeiffer 1837) → **Echinopsis terscheckii** [w GD Rowley] 1974,
 “Cereus thelegonus” (KM Schumann 1897) → **Echinopsis thelegona** [w GD Rowley] 1974,
 “Cereus thelegonoides” (CL Spegazzini 1905) → **Echinopsis thelegonoides** [w GD Rowley] 1974,
 “Lobivia arachnacantha” (AFH Buining & F Ritter 1956) → **Echinopsis arachnacantha** 1974,
 “Lobivia walteri” (R Kiesling 1976) → **Echinopsis walteri** [w W Glaetzle] 1983,
 “Trichocereus camarguensis” (M Cardenas 1953) → **Echinopsis camarguensis** [w GD Rowley] 1974,
 “Trichocereus cuzcoensis” (NL Britton & JN Rose 1920) → **Echinopsis cuzcoensis** [w GD Rowley] 1974,
 “Trichocereus glaucus” (F Ritter 1962) → **Echinopsis glauca** [w GD Rowley] 1974,
 “Trichocereus pachanoi” (NL Britton & JN Rose 1920) → **Echinopsis pachanoi** [w GD Rowley] 1974,
 “Trichocereus peruvianus” (NL Britton & JN Rose 1920) → **Echinopsis peruviana** [w GD Rowley] 1974,
 “Trichocereus tunariensis” (M Cardenas 1958) → **Echinopsis tunariensis** [w GD Rowley] 1974,
 “Trichocereus vollianus” (C Backeberg 1936) → **Echinopsis volliana** [w GD Rowley] 1974.

†**Friedrich**, Margaretha [Margarethe, Margaret]; Warmbad, Namibia; teacher; collector of mesembs; friend of MK Dinter;

disc species:

(Euphorbia) **friedrichiae** (Namibia) 1913 (desc & nah by MK Dinter 1914),

(Mesemb) **friedrichiae** (Namibia, Namaq) (desc & nah by MK Dinter 1914) —> **Conophytum**

friedrichiae by MHG Schwantes 1925,

(Mesemb) **margaretae** (Namibia) (desc & nah by MHG Schwantes 1920) —> **Lapidaria margaretae** by NE Brown 1928.

†**Fries**, (Dr) Robert Elias [Klas] (11 Jul 1876–29 Jan 1966); {R.E.Fr.}; Swedish botanist; PhD & docent in botany at Uppsala Univ 1905; prof of botany at Hortus Bergianus bot garden of Royal Academy of Science, Stockholm, Sweden; explored in tropical east Africa in 1921–22 w brother & in 1953; brother TCE Fries;

species nah:

(Portulaca) **friesiana** (Brazil) (desc & nah by JKL von Poellnitz 1940);

disc species:

(Monadenium) **friesii** (Zambia) 1911 (desc & nah by NE Brown 1914);

desc species:

(Adenia) **tuberifera** (Zambia) 1914,

(Calandrinia) **punae** (Argentina) 1905 —> **Talinum punae** by RC Carolin 1985,

(Echinopsis) **pygmaea** (Argentina, Bolivia) 1905 (disc by him 1902) —> **Rebutia pygmaea** by NL Britton & JN Rose 1922,

(Huernia) **keniensis** (Tanzania, Kenya) 1929 (disc by him & TC Fries 1922),

(Opuntia) **subterranea** (Jujuy, Potosi) 1905 —> **Maihueniopsis subterranea** by EF Anderson 1999,

(Portulaca) **perennis** (Peru, Bolivia, Argentina) 1905,

(Portulaca) **rotundifolia** (Bolivia to Argentina) 1905.

†**Fries**, (Prof) (Dr) Thore [Thure] Christian Elias (2 Nov 1886–31 Dec 1930); {T.C.E.Fr.}; Swedish botanist; PhD & docent of botany at Uppsala Univ 1913; prof of botany & dir of bot museum at Univ of Lund, Sweden 1927~; explored w brother, RE Fries, in tropical east Africa 1921–22; organized expedition to RSA & Rhodesia w NT Norlindh & AH Weimarck 1930–31;

disc species:

(Huernia) **keniensis** [w RE Fries] (Tanzania, Kenya) 1922 (desc by RE Fries 1929);

desc species:

(Plectranthus) **oertendahlii** (Natal) 1924 (na IA Oertendahl).

Frigot, Pierre;

Book [1960] Contribution à l'étude Chimique de Quelques Crassulacées et en Particulier de Divers Sedum Caen, France; French; 128p.



Friis, (Prof) (Dr) Ib (12 Jan 1945–); {Friis}; Danish botanist; PhD w thesis on 'Studies in Tropical African Urticaceae & Moraceae' at Univ of Uppsala, Sweden 1985; DSc w thesis 'The Forest Tree Flora of Northeast Tropical Africa (Ethiopia, Djibouti & Somalia)' at Univ of Copenhagen, Denmark 1992; prof of botany at Univ of Copenhagen, 1970–87 & at bot museum 1987~; explored & collected in Ethiopia, Kenya, Uganda, Tanzania, Sudan, Somalia & Thailand;

species nah:

(Aloe) **friisii** (Ethiopia) (desc & nah by Sebsebe Demissew & MG Gilbert 2000);

desc species:

(Dorstenia) **annua** [w KB Vollesen] (Sudan, Kenya) 1982,
(Pelargonium) **boranense** [w MG Gilbert] (Ethiopia) 1976.

† **Frith**, Frank (1872–Sep 1954); British gardener & horticulturist; to RSA 1900; horticulturist for S African Railway stations, Johannesburg, RSA; worked on indigenous succ garden at Wembley Empire Exhibition, Johannesburg, RSA 1925 & received Lindley Medal of Royal Horticultural Soc; succ collector in RSA & Namibia 1900~;

genus nah:

Frithia (North-West, Gauteng) (desc & nah by NE Brown 1925);

species nah:

(Mesemb) **frithii** (Cape) (desc & nah by HML Bolus 1922) —> **Rhinephyllum frithii** by HML Bolus 1929.

† **Fritsch**, (Prof) (Dr) Karl (24 Feb 1864–17 Jan 1934); {Fritsch}; Austrian botanist; PhD at Univ of Vienna 1886; volunteer, demonstrator & prof of systematic botany at Univ of Vienna 1889–1900; prof of systematic botany at Univ of Graz 1900~ & dir of bot garden 1910~; interested in Gesneriaceae & taxonomy of monocots;

species nah:

(Nematanthus) **fritschii** (Sao Paulo) (desc & nah by FC Hoehne 1958),

desc species:

(Hypocyrtia) **wettsteinii** (Brazil) 1908 (na R Wettstein) —> **Nematanthus wettsteinii** by HE Moore 1973,
(Sinningia) **schiffneri** (Brazil) 1908 (na VF Schiffner);

transfer species:

“Orobancha fluminensis” (JM de C Vellozo 1829) —> **Nematanthus fluminensis** 1906.

Fritz, Georg PJ (fl. 2010); {G.P.J.Fritz}; RSA;

disc species:

(Aloe) **jeppeae** (Free State) 2009 (desc by RR Klopper & GF Smith 2013 & na BJ Jeppe);

desc species:

(Chortolirion) **latifolium** [w BJM Zonneveld] (Free State) 2010 (disc by GPJ Fritz 2009).

† **Fritz**, T;

Book [1935] *Zimmerkulture der Kakteen*; 96p.

† **Froederstrom**, [Fröderström, Froederstroem,] (Dr med) Harald August (11 May 1876–2 Feb 1944); [Fröd.]; Swedish medical psychiatrist & botanist; MD at Uppsala Univ 1913; specialized escb **desc genus** Sedum;

Book [1930–36] *The Genus Sedum L.,: a Systematic Essay* Gothenburg, Sweden; Eng; 574p; (in 4 parts);
[1930] Part 1; 75p w 28 plates,
[1931] Part 2; 111p w 65 plates,
[1932] Part 3; 126p w 68 plates,
[1936] Part 4; 262p w 115 plates;

desc species:

(Sedum) **acropetalum** (San Luis Potosi) 1936,
(Sedum) **alsium** (Tibet, China) 1942 —> **Rhodiola alsia** by SH Fu 1965,
(Sedum) **atsaense** (India, Tibet) 1943 —> **Rhodiola atsaensis** by H Ohba 1976,
(Sedum) **blepharophyllum** (China) 1942,

(Sedum) **celatum** (China) 1932,
 (Sedum) **concarpum** (China) 1935,
 (Sedum) **correptum** (China) 1931,
 (Sedum) **corynephyllum** (Hidalgo, Queretaro) 1936,
 (Sedum) **cymatopetalum** (Bolivia, Argentina) 1935,
 (Sedum) **dispermum** (Nuevo Leon, Hidalgo, San Luis Potosi) 1890,
 (Sedum) **duthiei** (India) 1931 (na JF Duthie),
 (Sedum) **erici-magnusii** (Tibet, China) 1942 (na Eric Magnus),
 (Sedum) **glabosum** (Tibet, China) 1942,
 (Sedum) **grammophyllum** (China) 1936,
 (Sedum) **grandipetalum** (Mex) 1936,
 (Sedum) **holopetalum** (China) 1941,
 (Sedum) **hultenii** (Puebla) 1936 (na OEG Hulten),
 (Sedum) **leptophyllum** (China) 1931,
 (Sedum) **nanifolium** (Chihuahua, Coahuila, Nuevo Leon, Texas) 1936,
 (Sedum) **odontophyllum** (China) 1932 —> **Phedimus odontophyllus** by H 't Hart 1995,
 (Sedum) **oligocarpum** (China) 1942,
 (Sedum) **onychopetalum** (China) 1933,
 (Sedum) **pagetodes** (China) 1942,
 (Sedum) **piloschanense** (Yunnan) 1936,
 (Sedum) **platystylum** (Jalisco) 1936,
 (Sedum) **pososepalum** (San Luis Potosi) 1936,
 (Sedum) **prasinopetalum** (China) 1942,
 (Sedum) **pratoalpinum** (China) 1942,
 (Sedum) **raymondii** (Yunnan) 1931 (na Raymond-Hamet),
 (Sedum) **sagittipetalum** (China) 1942,
 (Sedum) **saxifragoides** (Kashmir) 1936 —> **Rhodiola saxifragoides** by H Ohba 1977,
 (Sedum) **schizolepis** (Lebanon, Syria, Palestine) 1935,
 (Sedum) **shigatsense** (Tibet) 1937,
 (Sedum) **stenophyllum** (Himalaya) 1943,
 (Sedum) **stenostachyum** (China) 1932 —> **Orostachys stenostachya** by H Ohba 1978,
 (Sedum) **tetractinum** (China) 1931,
 (Sedum) **tsiangii** (China) 1933 (na Y Tsiang),
 (Sedum) **ulricae** (China, Tibet) 1929,
 (Sedum) **wilsonii** (China) 1936 (na EH Wilson);

desc subsp:

(Sedum triactina ssp) **leptum** (China) 1942;

desc variety:

(Sedum bupleuroides var) **parvum** (Nepal, Bhutan, Tibet) 1943 —> **Rhodiola bupleuroides** var **parva** by H Ohba 1992,

(Sedum erici-magnusii var) **subalpinum** (China) 1942,

(Sedum indicum var) **obtusifolium** (China) 1931 —> **Sinocrassula indica** var **obtusifolia** by SH Fu 1965,

(Sedum leblanciae var) **torquatum** (Yunnan) 1931 —> **Sedum tsiangii** var **torquatum** by KT Fu 1984,

(Sedum rosea var) **sino-alpinum** (Yunnan) 1931 —> **Rhodiola cretinii** ssp **sino-alpina** by H Ohba 1977,

(Sedum sarmentosum var) **silvestre** (Yunnan) 1936,

(Sedum trullipetalum var) **ciliatum** (China, Tibet) 1942.

Frodin, (Prof) (Dr) David Gamman (1940–); {Frodin}; British botanist; prof at Kew; collected plants in Papua New Guinea, US & Malaysia;
Book [2000] *World Checklist & Bibliography of Euphorbiaceae (& Pandaceae)* [w R Govaerts & A Radcliffe-Smith] Kew, Eng; Eng; 1,621p.

Frohnig, Hans & Uta; Ger cactus hobbyists;

disc species:

(Weberocereus) **frohningiorum** (Costa Rica) (desc & na them by R Bauer 2001).

Frohring, [Fröhring, Froehring,] Pierre-Louis; French horticulturist;

Book [1998] *Guide de l'amateur de Cactus* Paris, France; French; 287p w 161 color photos.

†**Fromm**, P; Ger; captain leading an expedition in 1908–99;

disc species:

(Stathmostelma) **frommii** (Malawi) (desc & nah by FRR Schlechter 1913) —> **Stathmostelma spectabile** ssp **frommii** by DJ Goyder 1998.

Fronty, Laura; French writer;

Book [1980] *Les Cactees* Paris, France; French; 96p w 16 color photos,

[1995] *Choisir et Réussir les Cactées* Paris, France; French; 95p.

†**Fu**, Kun-tsun (1912–); {K.T.Fu}; Chinese botanist; participated in 1984 Vol 8 (Crassulaceae), Flora of China;

desc species:

(Sedum) **chingtungense** (Yunnan) 1974,
(Sedum) **chuhsingense** (Yunnan) 1987,
(Sedum) **dimorphophyllum** [w GY Rao] (China) 1988,
(Sedum) **dolosum** (Yunnan) 1980,
(Sedum) **hangzhouense** [w GY Rao] (China) 1988,
(Sedum) **hengduanense** (China) 1986,
(Sedum) **latentibulbosum** [w GY Rao] (China) 1988,
(Sedum) **longifuniculatum** (China) 1974,
(Sedum) **longyanense** (Tibet) 1986,
(Sedum) **luchuanicum** (Yunnan) 1974,
(Sedum) **magniflorum** (Yunnan) 1974,
(Sedum) **muyaicum** (China) 1986,
(Sedum) **nanchuanense** [w GY Rao] (China) 1988,
(Sedum) **nothodugueyi** (China) 1974,
(Sedum) **obtrullatum** (Yunnan, Tibet) 1974,
(Sedum) **planifolium** (China) 1974,
(Sedum) **ramentaceum** (China) 1974,
(Sedum) **semilunatum** (Yunnan) 1974,
(Sedum) **sinoglaciale** (Yunnan) 1974,
(Sedum) **stimulosum** (China) 1974,
(Sedum) **subgaleatum** (Yunnan) 1974,
(Sedum) **trichospermum** (China) 1974,
(Sedum) **tsinghaicum** (China) 1980,
(Sedum) **tsonanum** (Tibet) 1980;

desc subsp:

(*Sedum erici-magnusii* ssp) **chilianense** (China) 1991,
(*Sedum multicaule* ssp) **rugosum** (Tibet, Yunnan) 1986,
(*Sedum tosaense* ssp) **sinense** [w GY Rao] (China) 1988;

desc variety:

(*Sedum lutzii* var) **viridiflavum** (China) 1974,
(*Sedum platyphyllum* var) **longisepalum** (Yunnan) 1974 → **Sedum fui** var **longisepalum** by SH Fu 1984,
(*Sedum suzannae* var) **macrosepalum** (China) 1974;
(*Sinocrassula indica* var) **viridiflora** (China) 1974.

transfer variety:

“*Sedum leblanciae* var *torquatum*” (HA Froderstrom 1931) → **Sedum tsiangii** var **torquatum** 1984;

desc forma:

(*Sedum celatum* fa) **calcaratum** (China) 1987.

† **Fu**, Shu-hsia (1916–1986); {S.H.Fu}; Chinese botanist; participated in 1984 Vol 8 (Crassulaceae), Flora of China;

species nah:

(*Sedum*) **fui** (China) (desc & nah by GD Rowley 1973);

desc species:

(*Rhodiola*) **hookeri** (Nepal to Bhutan) 1965 (na JD Hooker),
(*Rhodiola*) **sexfolia** (Tibet, China) 1965 → **Rhodiola chrysanthemifolia** ssp **sexfolia** by H Ohba 1982,
(*Rhodiola*) **taohoensis** (China) 1965 → **Rhodiola himalensis** ssp **taohoensis** by H Ohba 1982,
(*Sedum*) **anhuiense** [w XW Wang] (China) 1986,
(*Sedum*) **lungtsuanense** (China) 1965,
(*Sedum*) **mingjinianum** (China) 1965 (na M-J Wang) → **Hylotelephium mingjinianum** by H Ohba 1977,
(*Sedum*) **techinense** (Yunnan) 1951 → **Sinocrassula techinensis** by SH Fu 1984,
(*Sedum*) **wangii** (Yunnan) 1951 (na CW Wang),
(*Sedum*) **wenchuanense** (China) 1965;

transfer species:

“*Sedum alsium*” (HA Froderstrom 1942) → **Rhodiola alsia** 1965,
“*Sedum atuntsuense*” (RL Praeger 1921) → **Rhodiola atuntsuensis** 1965,
“*Sedum bupleuroides*” (JD Hooker & T Thomson 1858) → **Rhodiola bupleuroides** 1965,
“*Sedum chrysanthemifolium*” (AAH Leveille 1931) → **Rhodiola chrysanthemifolia** 1965,
“*Sedum discolor*” (AR Franchet 1896) → **Rhodiola discolor** 1965,
“*Sedum dumulosum*” (AR Franchet 1883) → **Rhodiola dumulosa** 1965,
“*Sedum fastigiatum*” (JD Hooker & T Thomson 1858) → **Rhodiola fastigiata** 1965,
“*Sedum himalense*” (D Don 1825) → **Rhodiola himalensis** 1965,
“*Sedum hobsonii*” (Raymond-Hamet 1913) → **Rhodiola hobsonii** 1965,
“*Sedum humile*” [w] (JD Hooker & T Thomson 1858) → **Rhodiola humilis** 1965,
“*Sedum longistylum*” (RL Praeger 1921) → **Sinocrassula longistyla** 1965,
“*Sedum macrocarpum*” (RL Praeger 1921) → **Rhodiola macrocarpa** 1965,
“*Sedum nobile*” (AR Franchet 1896) → **Rhodiola nobilis** 1965,
“*Sedum primuloides*” (AR Franchet 1896) → **Rhodiola primuloides** 1965,
“*Sedum purpureoviride*” (RL Praeger 1917) → **Rhodiola purpureoviridis** 1965,
“*Sedum sinuatum*” (MP Edgeworth 1846) → **Rhodiola sinuata** 1965,
“*Sedum smithii*” (Raymond-Hamet 1913) → **Rhodiola smithii** 1965,
“*Sedum stamineum*” (OW Paulsen 1922) → **Rhodiola staminea** 1984,

“*Sedum stapfii*” (Raymond-Hamet 1913) —> ***Rhodiola stapfii*** 1965,
“*Sedum tibeticum*” (JD Hooker & T Thomson 1858) —> ***Rhodiola tibetica*** 1965,
“*Sedum wallichianum*” (JD Hooker 1844) —> ***Rhodiola wallichiana*** 1965,
“*Sedum yunnanense*” (AR Franchet 1896) —> ***Rhodiola yunnanensis*** 1965;

desc variety:

(*Sedum bracteatum* var) ***emarginatum*** (China) 1965 —> ***Sedum oligospermum*** var ***emarginatum*** by VV Byalt 2001;

transfer variety:

“*Sedum algidum* var *tanguticum*” (CJ Maximowicz 1883) —> ***Rhodiola tangutica*** 1986,
“*Sedum indicum* var *forrestii*” (Raymond-Hamet 1912) —> ***Sinocrassula indica*** var ***forrestii*** 1965,
“*Sedum indicum* var *luteorubrum*” (RL Praeger 1921) —> ***Sinocrassula indica*** var ***luteorubra*** 1984,
“*Sedum indicum* var *obtusifolium*” (HA Froderstrom 1931) —> ***Sinocrassula indica*** var ***obtusifolia*** 1965,
“*Sedum indicum* var *serratum*” (Raymond-Hamet 1927) —> ***Sinocrassula indica*** var ***serrata*** 1965,
“*Sedum platyphyllum* var *longisepalum*” (KT Fu 1974) —> ***Sedum fui*** var ***longisepalum*** 1984.



†**Fuchs**, (Dr med) Leonhard (17 Jan 1501–10 May 1566); Bavarian physician & botanist; MD at Univ of Erfurt 1524; prof of medicine at Univ of Tübingen 1535; interested in medicinal properties of plants; commemorated in the non-succ genus *Fuchsia*;

Book [1542] *De Historia Stirpium*; (herbal illustrations of 517 oil drawings of plants by Albrecht Meyer; includes *Aloe vera*).

†**Fuhrmann**, Ernst (19 Nov 1886–18 Nov 1956); Ger writer, self-taught biologist, horticulturist & photographer; to NY, US 1938;

Book [1924] *Agave* Darmstadt, Ger; 134p,

[1924] *Crassula* Berlin, Ger; 56p,

[1924–31] *Die Welt der Pflanze* Berlin, Ger; Ger; in 4 Vols w full page photos;

[1924] Vol 1; *Orchideen*; 56p;

[1924] Vol 2; *Crassula*; 56p;

[1930] Vol 3; *Kakteen*; 64p;

[1931] Vol 4; *Euphorbien*; 50p.

†**Fuller**, (Capt) Andrew Basil Ingram (–12 Apr 2004); British army; worked for dept of agriculture in western Aden Protectorate; collector in Saudi Arabia, Aden Protectorate & Oman; later, farmer in Rhodesia;

species nah:

(*Rhytidocaulon*) ***fulleri*** (Oman) (desc & nah by JJ Lavranos & KV Mortimer 1970 & disc by them);

disc species:

(*Aloe*) ***fulleri*** (Yemen) 1965 (desc & nah by JJ Lavranos 1967).

(*Kleinia*) ***saginata*** (Arabian Peninsula, Ethiopia, Kenya) 1968 (desc by P Halliday 1983) —> ***Senecio mweruensis*** var ***saginitus*** by GD Rowley 1990.

Fuller, Douglas;

Book [1987] *Conservation & Commerce of C&OS* [w S Fitzgerald] DC; Eng; 264p; (editors of).

†**Fuller**, Ernest [Ernst] Russell (fl. 1920–28); RSA postmaster in Cape area 1900~; succ collector; sent plants from Karoo & Bushmanland, RSA to HML Bolus;

species nah:

(Cephalophyllum) **fulleri** (Namaq) (desc & nah by HML Bolus 1929),
(Drosanthemum) **fulleri** (Northern Cape) (desc & nah by HML Bolus 1930),
(Ruschia) **fulleri** (Namaq) (desc & nah by HML Bolus 1929) —> **Ebracteola fulleri** by HF Glen 1986,
(Stomatium) **fulleri** (desc & nah by HML Bolus),
(Titanopsis) **fulleri** (Cape) (desc & nah by A Tischer 1935);

disc species:

(Conophytum) **fulleri** (Namaq) 1928 (desc & nah by HML Bolus 1929).
(Conophytum) **praesectum** (Cape) c1928 (desc by NE Brown 1930),
(Lithops) **fulleri** (Cape) c1926 (desc & nah by NE Brown 1927) —> **Lithops julii** ssp **fulleri** by B Fearn 1976,
(Lithops) **olivacea** (Little Namaq) 1928 (desc by HML Bolus 1929).

Funamoto, Tsuneo; Japan;

Book [1989] *Chromosome Studies of the genus Echeveria (Crassulaceae)* [w H Yuasa] Tokyo, Japan; Japanese; in 2 Parts;

Part 1, 15p; Part 2, 14p.

Furnari, Francesco (1933–); {Furnari}; Italian;

desc species:

(Sedum) **cyrenaicum** [w S Brullo] (Libya) 1979.



† **Furst**, Peter T (1922–2 Mar 2015); {Furst}; US anthropologist; chair of anthropology dept at State Univ of New York at Albany;

Book [1972] *The San Pedro Cacti in Peruvian Folk Healing* [w D Sharon] NYC; Eng; 21p,
[1972] *El Peyote y Los Huicholes* [w O Klineberg, S Nahmad Sitton & BG Myeroff] Mex City, Mex;

Spanish; 196p,

[1972] *Flesh of the Gods, The Ritual use of Hallucinogens* NYC; Eng; 304p,

[1996] *People of the Peyote* [w SB Schaefer] Albuquerque, New Mex; Eng; 560p.

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† **Gabb**, Wm More (16 Jan 1839–30 May 1878); US paleontologist & geologist;
BA at Academy of Natural Science, Philadelphia, Pennsylvania 1857; paleontology member of Calif geological survey of Calif 1861–67; geological surveyor in Baja Calif 1867, Santo Domingo 1868–72 & Costa Rica 1873–75; spouse Victoria Gabb;

disc species:

(Cactus) **gabbii** (Baja Calif) 1867 (desc & nah by JM Coulter 1894) —> **Mamm brandegeei** var **gabbii** by DR Hunt 1997,

(Cactus) **setispinus** (Baja Calif) 1867 (desc by JM Coulter 1894) —> **Mamm pondii** ssp **setispina** by DR Hunt 1997.

Gabriel, W; Ger;

Book [1994] *20 Jahre Frankfurter Kakteen-Freund* Frankfurt, Ger; 25p.

† **Gabrielson**, (Dr hc) Ira [**Gabe**] Noel (27 Sep 1889–7 Sep 1977); {Gabrielson}; US biologist & ornithologist; BA in biology at Morningside College 1912; worked for US Bureau of Biological Survey in

western US 1915–35, to DC 1935–46 & dir of Fish & Wildlife Service 1940–46; pres of Wildlife Management Institute, DC 1946–70; honorary DSc from Oregon State College, La Grande, Oregon (1936), LLD from Morningside College, Sioux City, Iowa (1941), DSc from Middlebury College, Vermont (1959) & DSc from Colby College, Waterville, Maine (1969); received numerous awards;
Book [1932] *Western Amer Alpines* NYC; Eng; 271p; (includes genus *Lewisia*).

†**Gaertner**, [Gärtner,] (Dr med) Carl [Karl] Friedrich von (1 May 1772–1 Sep 1850); {C.F.Gaertn.}; Ger physician & botanist; MD at Göttingen, Ger 1796; gives up medical practice for botany 1800~; knighted 11 May 1846; studied hybridization of plants; father J Gaertner;

variety nah:

(*Epiphyllum russellianum* var) **gaertneri** (Brazil) (desc & nah by EA von Regel 1884) —> **Hatiora gaertneri** by WA Barthlott 1987.



†**Gaertner**, [Gärtner,] (Prof) (Dr med) Joseph (12 Mar 1732–14 Jul 1791); {Gaertn.}; Ger physician & botanist; MD at Tübingen Univ, Ger 1763; prof of anatomy at Tübingen Univ c1760–68; prof of natural history & botany & dir of bot garden at St. Petersburg, Russia 1768~; explored & collected in Brazil; son CF von Gaertner;

desc genus:

Rhipsalis (tropical & subtropical Amer, tropical Africa, Mada, Mascarenes, Sri Lanka) 1788;

desc species:

(*Granadilla*) **hondala** (India, Sri Lanka) 1791 —> **Adenia hondala** by WJJ de Wilde 1967;

transfer species:

“*Portulacaria paniculata*” (NJ von Jacquin 1760) —> **Talinum paniculatum** 1791.

†**Gage**, (Dr) Andrew Thomas (14 Dec 1871–21 Jan 1945); {Gage}; Scottish soldier & botanist; LLD at Univ of Aberdeen, Scotland 1894 & assistant to prof 1894–95; to India; curator of herbarium at Calcutta Bot Gardens, India 1898–1905; dir of bot survey of India 1906–25; collected in Sikkim, Assam & Chittagong; FLS 1901 & librarian & assistant secretary 1924–29; wrote a history of the Linnean Soc of London in 1938 w 175p;
Book [1922] *Euphorbiaceae Novae, Peninsula Malayana*; Latin; 36p; (from Records of Bot Survey of India);

species nah:

(*Sedum*) **gagei** (Nepal, Bhutan, Sikkim, Tibet) (desc & nah by Raymond-Hamet 1910).

Gage, Diane;

Book [1988] *Aloe Vera (Nature's Soothing Healer)* NY; 106p.

†**Gagnepain**, François (23 Sep 1866–25 Jan 1952); {Gagnep.}; French botanist; school teacher in various villages of Nièvre 1886–1900; assistant dir at Museum Natl d'Histoire Naturelle, Paris 1909~;
desc species:

(*Adenia*) **parvifolia** (Thailand, Malaysia) 1920 —> **Adenia penangiana** var **parvifolia** by WJ de Wilde 1971,

(*Kalanchoe*) **annamica** (Vietnam) 1916,

(*Kalanchoe*) **chevalieri** (Vietnam) 1914 (na AJB Chevalier),

(*Kalanchoe*) **yunnanensis** (China, Yunnan) 1916,

(*Portulaca*) **lakhonensis** (Laos) 1909 —> **Portulaca pilosa** ssp **lakhonensis** by R Geesink 1969.



Galan, [Galán de Mera,] Antonio (1961–); {A.Galan}; Spanish pharmacist & botanist; collected in Bolivia, Peru & Venezuela;

desc species:

(Cistanthe) **tovarii** (Peru) 1997 (na O Tovar).

† **Gale**, George Wm;

Book [1921] *Bot Survey of Natal & Zululand* [w RD Aitken] Pretoria, RSA; 19p.



† **Galenus**, [Galen,] (Dr med) Claudius [Aelius] (129 AD –c210AD); born in Greek-Roman town of Pergamum in Asia Minor became known as Galen of Pergamum; Greece to Rome, Italy 162AD; physician, philosopher & natural scientist; educated in medicine in Smyrna & Alexandria; personal physician to Marcus Aurelius, Commodus & then Septimius Severus; disc that arteries carried blood, not air; prolific writer; invented technique of taking the pulse still used today;

genus nah:

Galenia (Angola, Namibia, Cape) (desc & nah by C Linnaeus 1753).

† **Galeotti**, Henri-Guillaume (10 Sep 1814–14 Mar 1858); {Ga.}; Frenchman to Belgium; geologist, botanist & horticulturist; explored & collected in Mex & Central Amer 1835–40; owner of horticultural business in Brussels & importer of cacti from Mex 1840~; dir of bot garden, Brussels 1853~;

species nah:

(Bursera) **galeottiana** (Mex) (desc & nah by HGA Engler 1881;

disc species:

(Ariocarpus) **retusus** (Coahuila, Tamaulipas, Nuevo Leon, San Luis Potosi) c1838 (desc by MJF Scheidweiler 1838),

(Astrophytum) **myriostigma** (Coahuila, Nuevo Leon, San Luis Potosi, Tamaulipas) 1837 (desc by AC Lemaire 1839),

(Dioscorea) **macrostachya** [w CFP von Martius] (Vera Cruz) 1842,

(Echinocactus) **pectinatus** (Tamaulipas, Chihuahua, Coahuila, Durango, Guanajuato, Nuevo Leon, San Luis Potosi) 1837 (desc by MJF Scheidweiler 1838) —> **Echinocereus pectinatus** by GT Engelmann 1848,

(Mamm) **decipiens** (San Luis Potosi) (desc by MJF Scheidweiler 1838),

(Mamm) **formosa** (Nuevo Leon, San Luis Potosi) 1837 (desc by MJF Scheidweiler 1838),

(Mamm) **obconella** (Veracruz, Hidalgo) 1836 (desc by MJF Scheidweiler 1837) —> **Mamm polythele** ssp

obconella by DR Hunt 1997;

desc species:

(Commelina) **multiflora** [w M Martens] (Mex to Nicaragua) 1842 —> **Callisia multiflora** by PC Standley 1925.

Galet, ?; {Galet};

transfer species:

"Cissus mappia" (C de Lamarck 1791) —> **Cyphostemma mappia** 1967.

† **Gallaud**, (Dr) Ernest-Isidore (1874–); {Gallaud}; French botanist; PhD at Univ of Paris 1904; employed at Natl Museum of Natural History of France in Paris;

desc species:

(Pentopetia) **graminifolia** [w J-N Costantin] (Mada) 1907 —> **Ischnolepis graminifolia** by J Klackenberg 1999.

(Sarcostemma) **decorsei** [w J-N Costantin] (Mada) 1906 (na J Decorse).

Gallmann, Paul; Ger;

Book [1983] *Kakteen - Schädlinge und ihre Bekämpfung* = "Kakteen - Parasits & their fight" Baden, Ger; Ger; 62p.



† **Galpin**, (Dr hc) Ernest Edward (6 Dec 1858–16 Oct 1941); {Galpin}; RSA bank manager & amateur botanist; started a herbarium 1888 w some 16,000 sheets donated to Natl Herbarium, Pretoria, RSA 1916; exchanged specimens w

Bolus Herbarium, Albany & Natal Museums; sent specimens to Kew, JM Wood, P MacOwan & Zürich Bot Gardens, Switzerland; collected mostly w spouse in RSA, Kenya, Uganda, Zimbabwe & Rhodesia; explored w HHW Pearson to Namibia to study *Welwitschia* 1907; FLS 1890; honorary DSc from Univ of S Africa 1935; spouse Maria Elizabeth [née de Jongh] Galpin (–1933), artist;

Book [1927] *Botanical Survey of the Springbok Flats, Transvaal* Cape Town, RSA; 100p (22p of plates);

species nah:

(Delosperma) **galpinii** (Natal) (desc & nah by HML Bolus 1933),

(Raphionacme) **galpinii** (Angola, Gauteng, Mpumalanga, Natal, Swaziland) (desc & nah by FRR Schlechter 1894),

(Schizoglossum) **galpinii** (Mpumalanga) (desc & nah by FRR Schlechter 1894) —> **Shizoglossum bidens** ssp **galpinii** by FK Kupicha 1984,

(Senecio) **galpinii** (Limpopo) (desc & nah by JD Hooker 1892);

disc species:

(Brachystelma) **montanum** (Eastern Cape) ≈1908 (desc by RA Dyer 1956),

(Ceropegia) **turricula** (Northern Prov) (desc by EA Bruce 1937),

(Dichaelia) **villosa** (Mpumalanga, Natal, Limpopo, Swaziland) 1889 (desc by FRR Schlechter 1899)

—> **Brachystelma villosum** by NE Brown 1908,

(Euphorbia) **angrae** [w HHW Pearson] (Namibia) c1909 (desc by NE Brown 1915),

(Euphorbia) **chersina** [w HHW Pearson] (Northern Cape) c1909 (desc by NE Brown 1915),

(Euphorbia) **ernestii** (Eastern Cape) (desc & nah by NE Brown 1915),

(Euphorbia) **pulvinata** (Eastern Cape, Free State, Lesotho) 1907 (desc by HWR Marloth 1909),

(Euphorbia) **transvaalensis** (Mpumalanga, Limpopo, Namibia, Angola, Mozambique, Zambia) 1890 (desc by FRR Schlechter 1896),

(Kleinia) **galpinii** (Transvaal) 1890 (desc & nah by JD Hooker 1892) —> **Senecio galpinii** by JD Hooker 1892,

(Mesemb) **ernestii** (Western Cape) (desc & nah by HML Bolus 1932) —> **Lampranthus ernestii** by HML Bolus 1939.

† **Galpin**, [née de Jongh,] Marie Elizabeth (–25 May 1933); RSA artist; explored w spouse EE Galpin;

species nah:

(Delosperma) **mariae** (Cape) (desc & nah by HML Bolus 1931),

(Mesemb) **galpiniae** (Western Cape) (desc & nah by HML Bolus 1932) —> **Lampranthus galpiniae** by HML Bolus 1939.

Galvan Villanueva, [Galván Villanueva,] Raquel (1949–); Mex;

desc species:

(Agave) **garciae-mendozae** [w L Hernandez-Sandoval] (Hidalgo, Queretaro, San Luis Potosi) 2002 (na A Garcia Mendoza).

Gama Lopez, [Gama-López,] Susana; Mex prof at UNAM;

Book [1997] *Flora del Valle de Tehuacan-Cuicatlan* [w S Arias Montes & LU Guzmán Cruz] Mex City; Spanish; 146p;

desc species:

(Coryphantha) **calipensis** [w S Arias Montes & LU Guzman Cruz] (Puebla) 1992 (disc by H Bravo-Hollis 1960) —> **Coryphantha pallida** ssp **calipensis** by RF Dicht & AD Luthy 2000,
(Opuntia) **parviclada** [w S Arias Montes] (Oaxaca) 1997 (disc by S Gama Lopez *et al* 1990),
(Pachycereus) **tepamo** [w S Arias Montes] (Michoacan) 1998 (disc by LU Guzman Cruz *et al* 1992).

†**Gamble**, James Sykes (2 Jul 1847–16 Oct 1925); {Gamble}; British forester & botanist; MA at Magdalen College, Oxford, Eng; to India 1871; forester in Indian Forest Service 1871–79; FLS 1877; OFRS 1899; spouse Gertrude [née Latter] Gamble;

Book [1907] *The Genus Hoya* [w G King]; Eng; 12p;

desc species:

(Dischidia) **astephana** [w G King] (Borneo, Malaysia) 1908;

transfer species:

“Ceropegia brevitubulata” (RH Beddome 1874) —> **Brachystelma brevitubulatum** 1921.

†**Gander**, Frank Forest (1899–1976);

subsp nah:

(Opuntia acanthocarpa ssp) **ganderi** (Calif, Baja Calif) (desc & nah by CB Wolf 1938 & disc by F Gander 1937) —> **Cylindropuntia ganderi** by JP Rebman & DJ Pinkava 2001.

Gandhi, (Dr) Kanchi Natarajan [Kancheepuram Natarajan ≈28 Sep 2001] (28 Jan 1948–); {Ganchi}; India to US 1982; biologist, bibliographer & nomenclaturist; BSc (Honors) 1968 & MSc 1971 at Bangalore Univ, India; PhD at Texas A&M Univ 1989; scientific assistant working on Agave, Aloe, Sansevieria & Yucca on Hassan Flora Project, St. Joseph College, Bangalore, India 1970–74; assistant curator of range science 1984–88 & teaching assistant 1988–89 & research associate 1989 in biology at Texas A&M Univ; research associate at botanical garden, Univ of North Carolina-Chapel Hill 1990–95; bibliographer & nomenclature specialist at Harvard Univ 1995~;

transfer variety:

“Calyptridium parryi var arizonicum” (JT Howell 1945) —> **Cistanthe parryi** var **arizonica** [w JT Kartesz] 1991,

“Calyptridium parryi var hesseae” (JH Thomas 1956) —> **Cistanthe parryi** var **hesseae** [w JT Kartesz] 1991,

“Calyptridium parryi var nevadense” (JT Howell 1945) —> **Cistanthe parryi** var **nevadensis** [w JT Kartesz] 1991.

Gandhi, (Dr med) Ram (2 Sep 1951–); Indian physician;

Book [1999] *Carallumas of the Indian Subcontinent* New Delhi, India; Eng; 42p w 24 color photos.

Gankin, Roman W (1938–); {Gankin}; US botanist; prof of botany at Univ of Calif;

desc species:

(Lewisia) **stebbinsii** [w WR Hildreth] (Calif) 1968 (na GL Stebbins).

Gapon, Victor (17 Oct 1971–); Russian botanist & Army officer; edits a Russian cactus journal *Kaktusklub*; IOS member 2000;

Book [2001] *Kaktusy* = "Cacti (175 popular misconceptions about cacti)" [w N Tschelkunova] Moscow, Russia; Russian; 95p w 90 color photos,

[2010] *11000 km po Argentine v poiskach kaktusov. Tom. 1* Moscow, Russia; Russian w brief summaries in Eng; 288p w 760 color photos; (mainly about *Gymnocalyciums* in Argentina).

† **Garaventa**, Hirtz Vincente Augustin Angel Guillermo (7 Nov 1911–31 Jul 1981); {Garaventa}; Chilean pharmacist & botanist; spouse Ana Mireya [née Valdeés Vázquez];

disc species:

(*Horridocactus*) **garaventae** (Valparaíso) (desc & nah by F Ritter 1959) —> **Eriosyce garaventae** by

F Kattermann 1994.

Garces Larrain, [Garcés Larraín,] Magdalena; Chilean botanist; MSc in agricultural sciences at Pontificia Universidad Católica de Chile 2003;

Book [2003] *Desarrollo de las primeras etapas de un protocolo de micropropagación para Eriosyce aurata (Pfeiffer) Backeberg (Cactaceae), una especie en estado de conservación vulnerable endémica de Chile* Santiago, Chile; Spanish; 54p w 7 color photos; (MSc thesis).

Garcia, [García Ruiz,] Ignacio (1957–); {I. Garcia}; Mex biologist; educated at Univ of Colima w specialty on genus *Pachyphytum* in Mex; biologist in Jiquilpan, Michoacán;

desc species:

(*Pachyphytum*) **machucae** [w CE Glass & M de J Chazaro Basanoez] (Michoacán) 1999

(disc by I García Ruiz 1997 & na JA Machuca Nunez),

(*Sedum*) **neovolcanicum** [w E Perez-Calix] (Michoacán, Jalisco) 2002.

† **Garcia**, JB; Mex;

Book [1895] *El Cultivo de el Maguey* = "The Culture of the Maguey" Mex City; 16p.

Garcia Aguilar, [García, García-Aguilar,] C;

Book [1987] *El Cultivo del Maguey Pulquero* Mex City.



Garcia Luna, [García, García Luna,] Alonso (1980–); Mex; works at El Charco del Ingenio bot garden (CANTE);

disc species:

(*Turbinicarpus*) **alonsoi** (Guanajuato) 1994 at age 14 (desc & nah by CE Glass &

M Arias Montes 1996).

Garcia Luna, [García, García Luna,] Juan Antonio (28 Nov 1978–); Mex horticulturist & investigator w CANTE bot garden;

species nah:

(*Pachyphytum*) **garciae** (Queretaro) (desc & nah by E Perez-Calix & CE Glass 1999);

disc species:

(*Thelocactus*) **garciae** (Tamaulipas) 1996 (desc & nah by CE Glass & M Mendoza-García 1997)

—> *Thelocactus conothelos* ssp **garciae** by A Mosco & C Zanovello 2000.



Garcia-Mendoza, [García, García-Mendoza,] (Prof) (Dr) Abisai [Abisai] Josue (1955–); {García-Mend.}; Mex botanist; prof at Jardín Botánico, UNAM; revised genus

Beschorneria 1987; IOS member 1991;

Book [1998] *Con Sabor a Maguey (Guía de la colección nacional de agavaceas y nolinaceas del jardín botánico, instituto de Biología)*

Mex City; 114p.

species nah:

(Agave) **garciae-mendozae** (Hidalgo, Queretaro, San Luis Potosi) (desc & nah by R Galvan Villanueva & L Hernandez-Sandoval 2002);

desc species:

(Agave) **isthmensis** [w F Palma Cruz] (Oaxaca, Chiapas) 1993,

(Agave) **petrophyla** [w E Martinez] (Oaxaca, Guerrero) 1998,

(Beschorneria) **calicola** (Oaxaca, Puebla, Veracruz) 1986,

(Beschorneria) **septentrionalis** (Tamaulipas) 1988,

(Furcroea) **niquivilensis** (Chiapas) 1999,

(Polianthes) **bicolor** [w E Solano] (Oaxaca) 1998 —> **Agave bicolor** by J Thiede & U Eggli 2001,

(Yucca) **mixteca** (Puebla, Oaxaca) 1998;

transfer species:

"Beschorneria dekosteriana" (KHE Koch 1864) —> **Beschorneria yuccoides ssp dekosteriana** 1993.



† **Garcke**, Christian **August** Friedrich (25 Oct 1819–10 Jan 1904); {Garcke}; Ger pharmacist & botanist; student of DFL von Schlechtendal at Halle Univ; prof of botany at Univ of Berlin 1854~; curator at Berlin-Dahlem bot herbarium 1865~;

desc species:

(Pedilanthus) **parasiticus** [w JF Klotzsch] (Yucatan, Jamaica, Greater Antilles) 1860 —> **Pedilanthus tithymaloides ssp parasiticus** by RL Dressler 1957,

(Tithymalus) **ecklonii** [w JF Klotzsch] (Western Cape) 1860 (disc by WJ Burchell 1815 & na CF Ecklon) —> **Euphorbia ecklonii** by HE Baillon 1863.

Gardiner, Nancy;

Book [1991] *Beautiful Gardens of S Africa* Cape Town, RSA; 176p w 97p color plates.

† **Gardner**, Charles Austin (6 Jan 1896–24 Feb 1970); {C.A.Gardner}; Eng to Western Australia 1909; botanist; government botanist in Western Australia 1927–64;

desc species:

(Muiria) **montana** 1931;

transfer species:

"Aizoon glabrum" (AJ Ewart 1908) —> **Gunniopsis glabra** 1930,

"Aizoon rodwayi" (AJ Ewart 1908) —> **Gunniopsis rodwayi** 1930,

"Chorilaena hassellii" (FJH von Mueller 1889) —> **Muiria hassellii** 1934.

† **Gardner**, (Dr med) George (10 May 1812–10 Mar 1849); {Gardner}; Scottish botanist & physician; MD at Glasgow Univ 1835 & student of WJ Hooker; collected in Brazil 1836–41 partly sponsored by J Russell; FLS 1842; superintendent at *Peradeniya Bot Garden*, Ceylon & island botanist 1843~;

disc species:

(Epiphyllum) **russellianum** (Brazil) 1837 (desc by WJ Hooker 1839 & na J Russell) —> **Schlumbergera russelliana** by NL Britton & JN Rose 1913;

desc species:

(Hypocyrtia) **carnosa** (Brazil) 1842 —> **Codonanthe carnosa** by JLE Hanstein 1864.

†**Gardner**, [later Scoville,] Helen Maria [**Boots**] (1858–1934); Kenya gardener & horticulturist; conservator of forests at botanic gardens, Nairobi Arboretum, Kenya 1928–47; spouse Chase Scoville (1845–1881);

disc species:

(Euphorbia) **brevitorta** (Kenya) (desc by PRO Bally 1959).

Gardner, Sue (1939–);

Book [1987] *Black Lace Cactus (Echinocereus reichenbachii var albertii) Recovery Plan* [w R O'Brien] Albuquerque, New Mex; Eng; 51p.

Gardner II, Theodore Roosevelt (1934–); US; Santa Barbara, Calif journalist & book writer; BS at Univ of Southern Calif, Los Angeles, Calif 1956; spouse Virginia Gardner, MS at Univ of S Calif;

Book [1995] *Lotusland: A Photographic Odyssey* Rolling Hills Estates, Calif; Eng; 144p w 233 color photos.

Gartner, [Gärtner,] J — See **Gaertner**, J.

†**Gasser**, Jakob (1870–23 Dec 1932); Swiss horticulturist; cactus importer & owner of cactus nursery in Zürich, Switzerland; his collection became basis of Municipal State Succ Collection in Zurich (managed by H Krainz) in 1931;

species nah:

(Mamm) **gasseriana** (Coahuila) (desc & nah by F Boedeker 1927).



†**Gates**, Howard Elliott (30 Mar 1895–5 Oct 1957); {H.E.Gat.}; US; Corona, Calif; c&s nurseryman 1930~; prolific writer; explored in sw US & Baja Calif 1928–51; CSSA pres 1936–37; an Honorary VP of The American Horticultural Soc 1937; CSSA Fellow award 1945; spouse Mabel Gates;

Book [1930] *Personal Tale of a Cactus Collector in Baja Calif* Anaheim, Calif; Eng; 16p;

species nah:

(Dudleya) **gatesii** (Baja) (desc & nah by DA Johansen 1932);

disc species:

(Dudleya) **brittonii** (Baja Calif & Todos Santos Islands) (desc by DA Johansen 1933 & na NL Britton),

(Dudleya) **moranii** (desc by DA Johansen 1932 & na RV Moran),

(Echinocereus) **ferreirianus** (Baja Calif) 1934 (desc by him 1953 & na E Ferreira),

(Ferocactus) **gatesii** (islands & islets at mouth of Los Angeles Bay in Baja Calif) 1935 (desc & nah by GE Lindsay 1955) —> **Ferocactus gracilis** ssp **gatesii** by NP Taylor 1998,

(Lophocereus) **gatesii** (Baja Calif) 1933 (desc & nah by ME Jones 1934) —> **Pachycereus gatesii** by DR Hunt 1991,

(Mamm) **tegelbergiana** [w GH Tegelberg, Sr] (Chiapas) 1953 (desc by GE Lindsay 1966 & na GH Tegelberg Sr) —> **Mammalbilanata** ssp **tegelbergiana** by DR Hunt 1997;

desc species:

(Ferocactus) **coloratus** (Baja Calif) 1933 —> **Ferocactus gracilis** var **coloratus** by NP Taylor 1998,

(Ferocactus) **gracilis** (Baja Calif) 1933 (disc by him 1932),

(Ferocactus) **tortulospinus** (Mex) 1933 (disc by him 1932) —> **Ferocactus cylindraceus** ssp

tortulispinus by NP Taylor 1998,

(Mamm) **insularis** (Baja Calif) 1938 (disc by him 1935),

(Neomammillaria) **baxteriana** (Baja Calif) 1934 (disc by HE Gates 1933 & na EM Baxter) —> **Mamm petrophila** ssp **baxteriana** by DR Hunt 1998,

(Neomammillaria) **capensis** (Baja Calif) 1933 (disc by him 1931) —> **Mamm capensis** by RT Craig 1945,

(Neomammillaria) **hutchisoniana** (Baja Calif) 1934 (na PC Hutchison) —> **Mamm hutchisoniana** by C Backeberg & FM Knuth 1936;

disc forma:

(Lophocereus schottii fa) **monstrosus** (Baja Calif Norte) 1930 (known as Totem Pole Cactus).



† **Gattefosse**, [Gattefossé,] Jean (26 Feb 1899–4 Jun 1960); {Gattef.}; French industrial chemist & botanist; studied chemical engineering at Univ of Lyon 1918; employed at father's perfume factory; explored in Morocco w E Jahandiez 1920 to establish factory to exploit aromatic plants in Provence; to Casablanca, Morocco 1927~;

species nah:

(Sedum) **gattefossei** (Morocco) (desc & nah by JA Battandier & E Jahandiez 1921).



† **Gauba**, (Prof) (Dr) Erwin (25 Nov 1891–7 Jun 1964); {Gauba}; Austrian to Australia late 1940s; agriculturist & botanist; PhD in botany at Vienna Univ, Austria c1925; founded herbarium & prof of botany at Karaj College of Agriculture, Tehran Univ, Iran 1933–41; botanist at Dept of Interior & Canberra Bot Gardens (later Australia Natl Bot Gardens), Australia 1950–60; collector in Egypt &

Iran;

desc species:

(Sempervivum) **iranicum** [w JFN Bornmuller] (Iran) 1940.

† **Gaucher**, Louis;

Book [1898] *Étude Anatomique du Genre Euphorbia* Paris, France; French; 128p,

[1902] *Recherches Anatomiques sur les Euphorbiacées* Paris; French; 149p.



† **Gaudichaud**, [Gaudichaud-Beaupré,] Charles (4 Sep 1789–16 Jan 1854); {Gaudich.}; French naturalist, pharmacist, chemist, herbologist & botanist; studied under AL de Jussieu; pharmacien en chef de la Marine at Anvers 1822–14; sailed around world w Captain Freycinet of *L'Uranie* (wrecked at Falkland Island & finished on *Physicienne*) 1817–20 w expeditions in Mauritius, Reunion, Malesia & Australia; sailed around world on *Herminie* 1831–33 collecting in Chile, Brazil & Peru 1831–32; sailed around world on *La Bonite* 1836–37 collecting in Cape, Hawaii, Philippines, China & India; aid-naturaliste at Museum natl d'Histoire naturelle, Paris 1845–46;

desc genera:

Laportea (Tropical & subtropical eastern Asia, Africa, Mada, eastern N Amer, Mex) 1830 (na FLN de C de Laporte Castelnau),

Medinilla (tropical Asia, Africa, Pacific Islands) 1830 (na J de Medinilla y Pineda),

Obetia (Mascarene Islands) 1844;

desc species:

(Alibrexia) **gayana** (Peru) 1851 (na C Gay) —> **Nolana gayana** by KHE Koch 1855,

(Alona) **balsamiflua** (Chile) 1851 —> **Nolana balsamiflua** by A Mesa 1981,

(Bargemontia) **peruviana** (Chile) 1841 —> **Nolana peruviana** by IM Johnston 1936,

(Leloutrea) **aplocaryoides** (Chile) 1851 —> **Nolana aplocaryoides** by IM Johnston 1936,

(Nolana) **rupicola** (Chile) 1841;

transfer species:

"*Urtica ficifolia*" (MJ Savigny 1798) —> **Obetia ficifolia** 1844.

†**Gaumer**, (Dr med) George Franklin (16 Sep 1850–2 Sep 1929); US naturalist, botanist, ornithologist; MD (PhD) at Univ of Kansas 1876; prof of Natural Sciences at Univ of New Mexico 1882–1884; to Izamal, Yucatan 1884~; collected in Yucatan, Cozumel & Bay Islands of Honduras; spouse Lucy Virdilla [née McGee] Gaumer (1861–1913);

disc species:

(Jatropha) **gaumeri** (Yucatan) 1885 (desc & nah by JM Greenman 1907),

(Neomammillaria) **gaumeri** (Yucatan) 1916 (desc & nah by NL Britton & JN Rose 1923) —> **Mamm**

heyderi ssp **gaumeri** by DR Hunt 1997,

(Neomammillaria) **yucatanensis** (Yucatan, Guatemala, Honduras, Jamaica) 1921 (desc by NL Britton & JN Rose 1923) —> **Mamm columbiana** ssp **yucatanensis** by DR Hunt 1997,

(Pachycereus) **gaumeri** (Yucatan) 1894 (desc & nah by NL Britton & JN Rose 1920).



†**Gay**, Claude (18 Mar 1800–29 Nov 1873); {Gay}; French botanist & naturalist; scientific surveyor of Chile for Chilean government 1828–32 & 1834–42; one of first to study the flora, fauna, geology & geography of Chile; collected in Chile & Peru; pub his writings on Chile;

species nah:

(Alibrexia) **gayana** (Peru) (desc & nah by C Gaudichaud 1851) —> **Nolana gayana** by KHE Koch 1855;

desc species:

(Dioscorea) **fastigiata** (Chile) 1853,

(Tillaea) **closiana** (Mex, Peru, Bolivia, Chile, Australia) 1847 —> **Crassula closiana** by KF Reiche 1897,

(Tillaea) **solieri** (Wyoming, Nevada Oregon, Calif, Texas, central Chile) 1847 (na AJJ Solier) —> **Crassula**

solieri by FC Meigen 1893.



†**Gay**, Edward [**Ed**] George (6 May 1916–17 Mar 1997); US in Tarzana, Calif; movie producer after WW II, horticulturist & nurseryman; joined CSSA 1958, BoD 1962–66, pres 1968–69 & convention chair 1971 & 73; worked on & pub (w spouse) first CSSA show judging booklet 1971; nursery 'Cactus Ranchito' at their home 1977~; explored w spouse in S Amer, Baja Calif, Mex 1969~;

IOS member 1987; CSSA Superior Service award 1989; spouse ME Gay;

genus nah & spouse & RV Moran:

Morangaya (desc & na them by GD Rowley 1974) (syn of Echinocereus ENGELMANN).



†**Gay**, [née Huff,] Mary Elizabeth [**Betty**] (10 Nov 1919–Oct 2013); US; Tarzana, Calif; certified public accountant; joined CSSA 1958, journal writer & Superior Service award 1989; spouse EG Gay;

genus nah & spouse & RV Moran:

Morangaya (desc & na them by GD Rowley 1974) (syn of Echinocereus ENGELMANN).

Gay Molina, Jorge; Mex;

Book [1943] Estudio Sobre la Produccion y Analisis de los Mezcales de Oaxaca Mex City; 39p.



†**Geay**, Martin François (4 Oct 1859–15 May 1910); French pharmacist & naturalist; studied at Lycée in Dijon, at the Sorbonne & at school of pharmacy in Paris; collected in Panama & Venezuela 1888–95, in British Guiana & Brazil 1897–99, in Mada 1904–07 & in Mada, Bourbon & Mauritius 1909;

disc species:

(Pachypodium) **geayi** (Mada) (desc & nah by JN Costantin & D Bois 1907).

Gebauer, A;

Book 1985] Kulturbund der DDR. 20 Jahre Fachgruppe Kakteen/Sukkulenten Magdeburg (Gedanken, Erkenntnisse, Hinweise) [w G Hass, W Haage & H Dorsing] Calbe/Saale; 30p.

Gebre-Egziabher, Tewelde-Berhan (19 Feb 1940–); Ethiopian botanist; one of leaders of Ethiopian Flora Project;

disc species:

(Aloe) **teweldei** (Ethiopia) (desc & nah by MG Gilbert & Sebsebe Demissew 1997).

Gebser, Walter; Malthahöhe, Namibia;

disc species:

(Lithops schwantesii var) **gebseri** (Namibia) 1960 (desc & nah by HW de Boer 1964) —> **Lithops schwantesii** ssp **gebseri** by DT Cole 1988.



† **Geddes**, (Sir) Patrick (2 Oct 1854–17 Apr 1932); {Geddes}; Scottish biologist, sociologist & town planner; prof of botany & founder of bot garden at Dundee Univ College, Scotland 1889–19; to India 1914–24; prof of sociology & civics at Univ of Bombay, India 1919–24; specialized in fields of urban planning & education; knighted 1932;

desc species:

(Kalanchoe) **longifolia** (Thailand) 1929,
(Kalanchoe) **tetramera** (Thailand) 1928.

† **Geesink**, (Dr) Robert (9 Feb 1945–2 Sep 1992); {R.Geesink}; The Netherlands botanist & taxonomist; PhD in 1984; worked at Rijksherbarium in Leiden; specialized in seed plants; collected in Indo-China & Thailand;

desc species:

(Portulaca) **clavigera** (Western Australia) 1969,
(Portulaca) **macrorhiza** (Lesser Sunda Islands) 1969;

transfer species:

"Portulaca decipiens" (JKL von Poellnitz 1933) —> **Portulaca pilosa** ssp **decipiens** 1969,
"Portulaca lakhonensis" (F Gagnepain 1909) —> **Portulaca pilosa** ssp **lakhonensis** 1969,
"Portulaca sundaensis" (JKL von Poellnitz 1941) —> **Portulaca pilosa** ssp **sundaensis** 1969,
"Portulaca villosa" (LKA von Chamisso 1831) —> **Portulaca pilosa** ssp **villosa** 1969.

† **Geilinger**, H;

disc species:

(Monadenium) **orobanchoides** (Tanzania, Zambia, Malawi) 1932 (desc by PRO Bally 1959).

† **Geldenhuis**, (Mrs); RSA;

disc species:

(Adromischus) **leucothrix** (Western Cape) 1936 (desc by CA Smith 1939) —> **Tylecodon leucothrix** by HR Tolken 1978.

Geller, GN;

Book [1986] *Cactus Morphology (effect of the interception of photosynthetical active radiation & carbon dioxide uptake)* Los Angeles, Calif; 79p.

Genser, José;

disc species:

(Gymnocalycium) **achirasense** (San Luis) (desc by JA Till 1987) —> **Gymnocalycium horridispinum** ssp **achirasense** by GJ Charles 2009.



† **Gentry**, (Dr) **Howard** Scott (10 Dec 1903–1 Apr 1993); {Gentry}; US botanist, zoologist & paleontologist; PhD in botany at Univ of Michigan, Ann Arbor 1947; agricultural explorer for USDA in 24 countries 1950–71, including RSA 1960–61; research botanist at Desert Bot Garden, Phoenix, Arizona 1972–87; collected in Mex 1933~;

world authority on Agave species; vast collection of some 15,000 plants donated to herbarium at Univ of Arizona, Tucson, Arizona; CSSA Fellow award 1975; spouse Marie Ann [née Cech] Gentry;

Book [1942] *Rio Mayo Plants* DC; Eng; 328p,

[1949] *Land Plants Collected by the Velero III, Allan Hancock Pacific Expeditions 1937–1941* Los Angeles, Calif; Eng; 245p; (Vol 13, No. 2 of Allan Hancock Pacific Expeditions),

[1972] *The Agave Family in Sonora* DC; Eng; 195p,

[1978] *The Agaves of Baja Calif* San Francisco, Calif; Eng; 119p,

[1978] *The Stomatal Complex in Agave* San Francisco; Eng; 25p,

[1982] *Agaves of Continental N Amer* Tucson, Arizona; Eng; 670p; (reprinted 1998 & 2004);

species nah:

(Agave) **gentryi** (Mex) (desc & nah by B Ullrich 1990);

disc species:

(Echinocereus) **gentryi** (Sonora, Chihuahua) 1932 (desc & nah by EU Clover 1938) —> **Echinocereus scheeri** ssp **gentryi** by NP Taylor 1997,

(Mamm) **bocensis** (Sonora, Sinaloa) 1937 (desc by RT Craig 1945),

(Yucca) **declinata** (Sonora) 1972 (desc by JE Laferriere 1995);

desc species:

(Agave) **aktites** (Sonora, Sinaloa) 1972,

(Agave) **albomarginata** 1982,

(Agave) **bovicornata** (Chihuahua, Sonora, Sinaloa) 1942,

(Agave) **capensis** (Baj Calif) 1978,

(Agave) **colimana** (Colima, Jalisco, Michoacan) 1968 (disc by him 1959),

(Agave) **colorata** (Sonora, Sinaloa) 1942,

(Agave) **congesta** (Chiapas) 1982,

(Agave) **durangensis** (Durango, Zacatecas) 1982,

(Agave) **felgeri** (Sonora) 1972 (na RS Felger),

(Agave) **fortiflora** (Sonora) 1972,

(Agave) **gigantensis** (Baja Calif) 1978,

(Agave) **guiengola** (Oaxaca) 1960,

(Agave) **gypsophila** (GuerreroJalisco, Colima, Michoacan) 1982 (disc by him),

(Agave) **hiemaflora** (Chiapas) 1982,

(Agave) **impressa** (Sinaloa, Nayarit) 1982,

(Agave) **jaiboli** (Sonora) 1972,

(Agave) **mcKelveyana** (Arizona) 1970 (disc by SMA McKelvey 1930 & nah),

(Agave) **moranii** (Baja Calif) 1978 (na RV Moran),

(Agave) **multiflifera** (Sonora, Chihuahua, Sinaloa, Durango) 1972 —> **Agave filifera** ssp **multiflifera** by B Ullrich 1992,

(Agave) **nayaritensis** (Nayarit) 1982,
 (Agave) **ocahui** (Sonora) 1972,
 (Agave) **ornithobroma** (Sinaloa, Nayarit) 1982,
 (Agave) **oroensis** (Zacatecas) 1982,
 (Agave) **pelona** (Sonora) 1972,
 (Agave) **polianthiflora** (Chihuahua, Sonora) 1972,
 (Agave) **scaposa** (Oaxaca, Puebla) 1982,
 (Agave) **shrevei** (Sonora, Chihuahua) 1942 (na F Shreve),
 (Agave) **titanota** (Oaxaca) 1982,
 (Agave) **vizainoensis** (Baja Calif) 1978,
 (Agave) **wocomahi** (Sonora, Sinaloa, Chihuahua, Durango) 1942,
 (Agave) **zebra** (Sonora) 1972,
 (Hesperaloe) **nocturna** (Sonora) 1967,
 (Nolina) **interrata** (Calif, Baja Calif) 1946,
 (Wilcoxia) **mariana** (Sonora, Sinaloa) 1942 (disc by him 1937) —> **Peniocereus marianus** by
 H Sanchez-Mejorada 1962,
 (Yucca) **grandiflora** (Sonora) 1957,
 (Yucca) **madrensis** (Chihuahua, Sonora, Arizona) 1972;

transfer species:

"Agave acuispina" (WA Trelease 1925) —> **Agave cantala** var **acuispina** 1982,
 "Agave crassispina" (WA Trelease 1920) —> **Agave salmiana** ssp **crassispina** 1982,
 "Agave dentiens" (WA Trelease 1912) —> **Agave cerulata** ssp **dentiens** 1978,
 "Agave falcata" (GT Engelmann 1875) —> **Agave striata** ssp **falcata** by HS Gentry 1982,
 "Agave ferox" (KHE Koch 1860) —> **Agave salmiana** var **ferox** 1982,
 "Agave kaibabensis" (SMA McKelvey 1949) —> **Agave utahensis** ssp **kaibabensis** 1982,
 "Agave mirabilis" (WA Trelease 1920) —> **Agave atrovirens** var **mirabilis** 1982,
 "Agave nelsonii" (WA Trelease 1912) —> **Agave cerulata** ssp **nelsonii** 1978,
 "Agave pringlei" (CR Orcutt 1883) —> **Agave deserti** ssp **pringlei** 1978,
 "Agave roseana" (WA Trelease 1912) —> **Agave sobria** ssp **roseana** 1978;

desc subsp:

(Agave americana ssp) **protoamericana** (Texas, Nuevo Leon, Tamaulipas, San Luis Potosi) 1982,
 (Agave scabra ssp) **maderensis** (Coahuila) 1982 —> **Agave asperima** ssp **maderensis** by B Ullrich 1992,
 (Agave scabra ssp) **potosiensis** (San Luis Potosi, Nuevo Leon, Queretaro) 1982 —> **Agave asperima** ssp
potosiensis by B Ullrich 1992,
 (Agave scabra ssp) **zarcensis** (Durango) 1982 —> **Agave asperima** ssp **zarcensis** by B Ullrich 1992,
 (Agave cerulata ssp) **subcerulata** (Baja Calif) 1978,
 (Agave deserti ssp) **simplex** (Calif, Arizona, Sonora) 1978,
 (Agave inaequidens ssp) **barrancensis** (Durango) 1982,
 (Agave parviflora ssp) **flexiflora** (Sonora) 1972,
 (Agave shrevei ssp) **magna** (Sonora, Chihuahua, Sinaloa) 1982,
 (Agave shrevei ssp) **matapensis** (Sonora) 1972,
 (Agave sobria ssp) **frailensis** (Baja Calif) 1978;

disc variety:

(Agave americana var) **oaxacensis** (Oaxaca) 1982,
 (Agave mapisaga var) **lisa** (Mex) 1982,
 (Agave ocahui var) **longifolia** (Sonora) 1982,
 (Agave parryi var) **truncata** (Durango, Zacatecas) 1982.

† **Georgi**, Erich; Mex cactus collector in Saltillo, Nuevo Leon;

disc species:

(Coryphantha) **georgii** (Guanajuato, San Luis Potosi, Tamaulipas) 1920s (desc & nah by F Boedeker 1931),
(Mamm) **zeilmanniana** (Guanajuato) 1920s (desc by F Boedeker 1931).



† **Gerard**, [Gerarde,] (Dr med) John (1545–Feb 1612); {J.Gerard}; British barber-surgeon, herbalist & gardener; curator of physic garden at College of Physicians of London 1586–1604; pub catalogues of plants in his garden 1596 & 1599; master of Barber-Surgeon's Company 1608~;
Book [1597] *The Herball or Generall Historie of Plants* (known as Gerard's Herbal) London; 1392p in 3 books & 2146 woodcuts; succ species include Melocactus, Euphorbia, Cereus, Opuntia, Aloe, Sempervivum, Sedum, Umbilicus; (amended edition by Thomas Johnson, London, Eng in 1633 & 1636; Eng; 1710p).

Gerbaulet, (Dr) Maïke (1962–); {Gerbaulet}; Ger botanist; PhD on genus *Anacampseros* at Hamburg Univ 1991; worked on all genera of Mesemb (w a Smuts Memorial Bot Fellowship) at Univ of Cape Town 1992–95; works at Bolus Herbarium; spouse M Struck;

desc species:

(Brownanthus) **neglectus** [w SM Pierce] (Namaq) 1997,
(Brownanthus) **pseudoschlichtianus** [w SM Pierce] (Namaq) 1997,
(Mesemb) **eurystigmatum** (Western Cape) 2001,
(Phyllobolus) **amabilis** [w M Struck] (Cape) 1996,
(Phyllobolus) **chrysophthalmus** [w M Struck] (Cape) 1996,
(Phyllobolus) **gariepensis** [w M Struck] (Cape) 1996,
(Sceletium) **exalatum** (Cape) 1996;

transfer species:

"*Amoebophyllum roseum*" (HML Bolus 1927) → **Phyllobolus roseus** 1997,
"Anacampseros lubbersii" (MC Bellerue-Bleck 1984) → **Anacampseros subnuda** ssp **lubbersii** 1992,
"Anacampseros nebrownii" (JKL von Poellnitz 1933) → **Anacampseros lanceolata** ssp **nebrownii** 1992,
"Anacampseros tomentosa" (A Berger 1908) → **Anacampseros filamentosa** ssp **tomentosa** 1992,
"Aridaria abbreviata" (HML Bolus 1930) → **Phyllobolus abbreviatus** 1997,
"Aridaria congesta" (HML Bolus 1930) → **Phyllobolus congestus** 1997,
"Aridaria decudua" (HML Bolus 1928) → **Phyllobolus deciduus** 1997,
"Aridaria decurvata" (HML Bolus 1928) → **Phyllobolus decurvatus** 1997,
"Aridaria latipetala" (HML Bolus 1929) → **Phyllobolus latipetalus** 1997,
"Aridaria prasina" (HML Bolus 1928) → **Phyllobolus prasinus** 1997,
"Aridaria pumila" (HML Bolus 1930) → **Phyllobolus pumilus** 1997,
"Aridaria quartzitica" (HML Bolus 1929) → **Phyllobolus quartziticus** 1997,
"Aridaria rabiei" (HML Bolus 1927) → **Phyllobolus rabiei** 1997,
"Aridaria radicans" (HML Bolus 1927) → **Prenia radicans** 1996,
"Aridaria saturata" (HML Bolus 1930) → **Phyllobolus saturatus** 1997,
"Aridaria pentagona" (HML Bolus 1929) → **Phyllobolus splendens** ssp **pentagonus** 1997,
"Conicosia alborosea" (HML Bolus) → **Conicosia pugioniformis** ssp **alborosea** [w H-D Ihlenfeldt] 1990,
"Conicosia muirii" (NE Brown) → **Conicosia pugioniformis** ssp **muirii** [w H-D Ihlenfeldt] 1990.
"Cryophytum suffruticosum" (HML Bolus 1931) → **Phyllobolus suffruticosus** 1997,
"Dactyloopsis littlewoodii" (HML Bolus 1963) → **Phyllobolus digitatus** ssp **littlewoodii** 1997,

"Mesemb caudatum" (HML Bolus 1916) → **Phyllobolus caudatus** 1997,
 "Mesemb defoliatum" (AH Haworth 1803) → **Aridaria noctiflora** ssp **defoliata** 1996,
 "Mesemb delum" (HML Bolus 1925) → **Phyllobolus delus** 1997,
 "Mesemb digitatum" (W Aiton) → **Phyllobolus digitatus** 1997,
 "Mesemb englishiae" (HML Bolus) → **Prenia englishiae** 1996,
 "Mesemb geniculiflorum" (C Linnaeus 1753) → **Aptenia geniculiflora** 2001,
 "Mesemb grossum" (W Aiton) → **Phyllobolus grossus** 1997,
 "Mesemb haeckelianum" (A Berger 1910) → **Aptenia haeckeliana** 2001,
 "Mesemb lanceum" (CP Thunberg) → **Prenia pallens** ssp **lancea** 1996,
 "Mesemb nitidum" (AH Haworth 1795) → **Phyllobolus nitidus** 1997,
 "Mesemb oculatum" (NE Brown 1911) → **Phyllobolus oculatus** 1997,
 "Mesemb sinuosum" (HML Bolus 1925) → **Phyllobolus sinuosus** 1997,
 "Mesemb spinuliferum" (AH Haworth 1795) → **Phyllobolus spinuliferus** 1997,
 "Mesemb splendens" (C Linnaeus 1753) → **Phyllobolus splendens** 1997,
 "Mesemb stramineum" (AH Haworth 1795) → **Aridia noctiflora** ssp **straminea** 1996,
 "Mesemb tenuiflorum" (NJ von Jacquin 1800–09) → **Phyllobolus tenuiflorus** 1997,
 "Mesemb tetragonum" (CP Thunberg) → **Prenia tetragona** 1996,
 "Mesemb trichotomum" (CP Thunberg 1791) → **Phyllobolus trichotomum** 1997,
 "Mesemb varians" (AH Haworth 1803) → **Sceletium varians** 1996,
 "Mesemb viridiflorum" (W Aiton) → **Phyllobolus viridiflorus** 1997,
 "Pseudobrownanthus nucifer" (H-D Ihlenfeldt & V Bittrich 1985) → **Brownanthus nucifer** [w
 SM Pierce] 1997,
 "Sphalmanthus herbertii" (NE Brown 1934) → **Phyllobolus herbertii** 1997,
 "Sphalmanthus lignescens" (HML Bolus 1963) → **Phyllobolus lignescens** 1997,
 "Sphalmanthus melanospermus" (MK Dinter & MHG Schwantes 1929) → **Phyllobolus**
melanospermus 1997;

desc subsp:

(Anacampseros papyracea ssp) **namaensis** (Namibia, RSA) 1992 → **Avonia papyracea** ssp **namaensis**
 by GD Rowley 1994,
 (Prenia pallens ssp) **namaquensis** (Cape) 1996.

Gerber, Peter R;

Book [1980] *Die Peyote-Religion. Nordamerikanische Indianer auf der Suche nach einer Identität* =
 "The Peyote Religion. N American Indians on the Search for an Identity" Zurich, Switzerland; 210p.



Gerloff, Norbert (15 Aug 1947–); {N.Gerloff}; Ger horticulturist; explored for Notocactus
 scopia in Rio Grande do Sul 1989; specialist in Notocactus; IOS member 1997;

Book [1987] *Notocactus 7 (Paucispiniblätter)* Ludwigsburg, Ger; 52p,
 1995] *Notokakteen (Gesamtdarstellung aller Notokakteen)* [w J Neduchal & S Stuchlik]
 Ludwigsburg; 208p w 24p color plates.



Germishuizen, Gerritt (25 Feb 1950–); {Germish.}; RSA botanist;
 MSc at Pretoria Univ 1982; scientific editor at Natl Bot Institute 1976~; collected in
 RSA Swaziland & Namibia;

Book [1982] *Transvaal Wild Flowers* [w A Fabian on paintings] Johannesburg, RSA;
 292p w 134 color plates,
 [1992] *Succ of the Transvaal* [w DS Hardy & art illustrations by A Fabian] RSA; Eng/Afrikaans; 138p,

[1997] *Wildflowers of Northern South Africa* Vlaeberg, RSA; 472p with paintings by AFabian,
[2004] *Illustrated Guide to the Wildflowers of northern S Africa* (includes succ); 224p,
[2010] *Botanical Exploration of Southern Africa, Edition 2* [w HF Glen] Pretoria; Eng; 489p; (1st edition, see LEW Codd & MD Gunn).

Gerold, [Gérolde, née Waring,] (Mrs) (fl. 1998); Mada; spouse R Gerold;

species nah:

(Euphorbia) **waringiae** (Mada) (desc & nah by WHH Rauh & R Gerold 1998).

† **Gerold**, [Gérolde,] Raymond [Raimond] (1928–2009); {Gérolde}; France to Mada; plant nurseryman in Mada; worked for Pronatex Company in Antananarivo & Fort Dauphin, Mada; collected w WHH Rauh in s & se Mada;

species nah:

(Euphorbia) **geroldii** (Mada) (desc & nah by WHH Rauh 1994);

desc species:

(Aloe) **capmanambatoensis** [w WHH Rauh] (Mada) 2000,

(Aloe) **fleuretteana** [w WHH Rauh] (Mada) 2000 (na Fleurette Andriantsilavo),

(Ceropegia) **giky** [w WHH Rauh] (Mada) 1998 (disc by R Gerold & A Robivelo 1996 & na M Giky),

(Ceropegia) **robivelonae** [w WHH Rauh] (Mada) 1998 (na A Robivelo),

(Euphorbia) **retrospina** [w WHH Rauh] (Mada) 2000,

(Euphorbia) **waringiae** [w WHH Rauh] (Mada) 1998 (na (Mrs) Gerold),

(Ceropegia) **ambovombensis** [w WHH Rauh] (Mada) 1997,

(Lomatophyllum) **belavenokense** [w WHH Rauh] (Mada) 1994 (disc by R Gerold 1990) —> **Aloe**

belavenokensis by LE Newton & GD Rowley 1997,

(Euphorbia) **waringiae** [w WHH Rauh] (Mada) 1998;

disc variety:

(Euphorbia francoisii var) **crassicaulis** [w WHH Rauh] (Mada) 1993 (desc by WHH Rauh 1997).

† **Gerome**, [Gérôme,] Joseph (1863–31 Dec 1928); {Ger.}; French botanist & ethnologist;

desc species:

(Sansevieria) **arborescens** [w O Labroy] (Kenya, Tanzania) 1903 (disc by CJ Sacleux),

(Sansevieria) **fasciata** [w O Labroy] (Zaire) 1903,

(Sansevieria) **liberica** [w O Labroy] (Central African Rep, Ivory Coast, Ghana, Liberia, Nigeria, Sierra Leone, Togo) 1903,

(Sansevieria) **metallica** [w O Labroy] (Tropical Africa, RSA) 1903,

(Sansevieria) **zanzibarica** [w O Labroy] (Tanzania) 1903.

† **Gerrard**, Wm **Tyrer** (1831–Jul 1866); {Gerrard}; British botanist & naturalist; collected in Australia, Natal 1862–65 & Mada 1865;

genus nah:

Gerrardanthus (Tropical & s Africa) (desc & nah by JD Hooker 1867);

species nah:

(Sarcocyphula) **gerrardii** (Arabia, Kenya, Eastern Cape, Natal, Limpopo, Mada, Comoro Islands)

(desc & nah by WH Harvey 1863) —> **Cynanchum gerrardii** by SL Liede 1991;

disc species:

(Brachystelma) **gerrardii** (Eastern Cape, Natal, Limpopo) c1862 (desc & nah by WH Harvey 1863),

(Euphorbia) **tugelensis** (Natal) c1865 (desc by NE Brown 1915),

(*Gerrardanthus*) **macrorrhizus** (Mozambique, Eastern Cape, Natal, Swaziland) c1862 (desc by JD Hooker 1867).

† **Gerstner**, (Fr) Jacob (6 Dec 1888–Oct 1948); {Gerstner}; Bavarian missionary & botanist; PhD at Univ of Munich, Ger 1924; to RSA 1924; (Fr) superior of mission farms in Zululand 1928–42; collected in Zululand, Transvaal, Lesotho & Namibia; interested in plants for medicinal value;

species nah:

(*Alcinopsis*) **gerstneri** (Cape) (desc & nah by HML Bolus 1937) —> **Nananthus gerstneri** by HML Bolus 1938,

(*Delosperma*) **gerstneri** (Basutoland) (desc & nah by HML Bolus 1934),

(*Stomatium*) **gerstneri** (Eastern Cape) (desc & nah by HML Bolus 1935);

disc species:

(*Aloe*) **gerstneri** (Natal) 1931 (desc & nah by GW Reynolds 1937),

(*Caralluma*) **gerstneri** (Natal) (desc & nah by CL Letty 1936) —> **Orbea gerstneri** by PV Bruyns 2001.

Gertel, Willi; (1945–); {Gertel}; Ger horticulturist; specialist in *Sulcorebutia*;

Book [2000] *Sulcorebutia* [w K Augustin & G Hentzschel] Stuttgart, Ger; Ger; 180p.

Gerwick, Ben Clifford; US botanist; prof of botany at Washington State Univ, Pullman;

Book [1978] *Environmental Regulation of Crassulacean Acid Metabolism in Opuntia polyacantha*; 164p (thesis).

† **Gessert**, Ferdinand (12 Jul 1870–5 May 1953); Ger to Deutsch-Sudwest Africa (Namibia) 1894; farmer; collected in Namibia;

species nah:

(*Mesemb*) **gessertianum** (Namibia) (desc & nah by MK Dinter & A Berger 1923) —> **Psilocaulon gessertianum** by MK Dinter & MHG Schwantes 1928.

† **Gettliffe**, George Frederick Rawson (12 Dec 1873–11 Nov 1948); RSA farmer; worked at Dept of Irrigation, RSA; explored & collected in RSA, sent to Transvaal Museum & Division of Botany, Pretoria;

disc species:

(*Stapelia*) **gettliffei** (Transvaal) 1911 (desc & nah by R Pott 1913).



† **Geyer**, (Dr) Albertus [Albert] Lourens (11 Aug 1894–13 Dec 1969); Barrydale, RSA journalist & farmer; PhD at Univ of Berlin, Ger 1923; collected w spouse Anna Christina Geyer (–5 Dec 1964);

species nah:

(*Lithops*) **geyeri** (Little Namaq) (desc & nah by GC Nel 1943 & disc by AGJ Herre 1939);

disc species:

(*Conophytum*) **subincanum** (Cape) (desc by A Tischer 1960) —> **Conophytum uviforme** ssp **subincanum** by SA Hammer 1993.

Ghazanfar, (Dra) Shahina Agha (1949–); {Ghaz.}; botanist at Sultan Oaboos Univ, Muscat, Oman; IOS member 1996;

Book [1984] *Agavaceae (Vol 156 of Flora of Pakistan)* [w R Akhter] Islamabad, Pakistan; 10p;

desc species:

(*Euphorbia*) **masirahensis** (Oman's Masirah Island) 1993.



† **Ghini**, [Ghinus,] (Prof) (Dr med) Luca (1490–4 May 1556); {Ghini}; Italian botanist & physician; prof of pharmaceutical botany in Bologna, Italy 1527–44; prof of botany in Pisa, Italy 1544–54; prof of medicine in Bologna 1554–56; had private bot garden in Bologna; founded Pisa bot garden 1544; founded Florence bot garden 1550; first to recognize the usefulness of the herbarium - to press, glue or sew dried plants on sheets or in albums for easier reference as opposed to live plants.



† **Giaja**, [Djaja,] (Prof) (Dr) Jean [Ivan] (21 Jul 1884–1 Oct 1957); Serbian biologist, physiologist, philosopher; PhD in physiology at Sorbonne Univ, Paris, France 23 Jul 1909; prof & dir of physiology at Belgrade Univ, Serbia 1910~; honorary doctorate at Sorbonne Univ 1954; married 3 times; third spouse Leposava [née Markovic] Giaja;

species nah:

(Sedum) **giajae** (China) (desc & nah by Raymond-Hamet 1910).



† **Gibbes**, (Prof) (Dr med) Lewis [Louis] Reeve (14 Aug 1810–21 Nov 1894); {Gibbes}; US mathematician, naturalist & physician; BS at S Carolina College 1829; MD at Medical College of S Carolina, US 1936; prof of mathematics & natural history at College of Charleston, S Carolina 1838~ & pres 1856;

desc species:

(Opuntia) **macrantha** (Texas) 1858.

Gibbons, Gail (1944–); Vermont, US; artist & writer of children's books; spouse Kent Ancliffe;
Book [1996] *Deserts* NY.



† **Gibbs**, (Miss) Lilian Suzette (10 Sep 1870–30 Jan 1925); {Gibbs}; British botanist; student in dept of botany at Royal College of Science, Eng 1901 & as a research student; collected in Zimbabwe 1905, Fiji & New Zealand 1907, Borneo 1910, Dutch New Guinea 1913; worked at Natural History Museum, Eng; FLS 1905;

disc species:

(Euphorbia) **matabelensis** (Kenya, Tanzania, Zambia, Malawi, Zimbabwe, Angola, Botswana, Mozambique) c1895 (desc by FA Pax 1900),

(Huernia) **hislopilii** (Zimbabwe, Mozambique) c1905 (desc by WB Turrill 1922 & na A Hislop)

disc variety:

(Euphorbia trichadenia var) **gibbsiae** (Zimbabwe) (desc & nah by NE Brown 1911).

† **Gibbs**, (Prof) (Dr) Martin (11 Nov 1922–24 Jul 2006); US botanist; PhD in plant physiology at Univ of Illinois, Urbana-Champaign 1947; scientist at Brookhaven Natl Laboratory 1947–56; prof of biochemistry at Cornell Univ 1957–64 & of biology at Brandeis Univ, Waltham, Massachusetts 1965–93; adjunct prof of botany at Univ of Calif, Riverside 1979–89; editor of *Plant Physiology* 1963–92; spouse Svanhild Karen [née Kvale] Gibbs (–2006);

Book [1982] *Crassulacean Acid Metabolism (Proceedings of the Fifth Annual Symposium in Botany)* [w IP Ting] Riverside, Calif; Eng; 316p.

Gibbs, (Dr) Peter Edward (1938–); {P.E.Gibbs}; Scotland; biologist at Univ of St. Andrews, UK;
transfer species:

“Chorisia insignis” (CS Kunth 1822) → **Ceiba insignis** [w J Semir] 1988.



Gibson, (Dr) **Arthur** Charles (16 Oct 1947–); {A.C.Gibson}; US botanist, anatomist, researcher, explorer, author & lecturer; PhD at Rancho Santa Ana Botanic Garden, Claremont, Calif 1972; dir of Mildred E Mathias Bot Garden & curator of Herbarium at Univ of Calif, Los Angeles 1980~; IOS member 1992; CSSA Fellow award 1997;

Book [1972] *Comparative Anatomy of the Secondary Xylem in Cactoideae (Cactaceae)* Claremont, Calif; Eng; 121p,

[1986] *The Cactus Primer* [w PS Nobel] Cambridge, Massachusetts; Eng; 286p,

[1996] *Structure-Function Relations of Warm Desert Plants—Adaptations of Desert Organisms* Berlin, Ger; Eng; 215p,

[2003] *Flora of N Amer (n of Mex), Vol 4: Magnoliophyta: Caryophyllidae part 1*; (editor [w BD Parfitt] of Cactaceae section of 166p); Vol 4 also includes Aizoaceae, 16p & Portulacaceae, 47p);

transfer species:

"Cereus alamosensis" (JM Coulter 1896) —> **Stenocereus alamosensis** [w KE Horak] 1979,

"Cereus chende" (R Roland-Gosselin 1905) —> **Polaskia chende** [w KE Horak] 1979,

"Cereus gummosus" (TS Brandegee 1889) —> **Stenocereus gummosus** [w KE Horak] 1979,

"Cereus kerberi" (KM Schumann 1897) —> **Stenocereus kerberi** [w KE Horak] 1979.

Gibson, Barbara; US w Natl Geographic Soc;

Book [1987] *Creatures of the Desert World*; Eng; 16p; (illustrator).



† **Gibson**, Frederick (1892–1953); {F.Gibson}; US;

desc species:

(Agave) **murpheyi** (Arizona, Sonora) 1935.



† **Gibson**, George Stacey (20 Jul 1818–5 Apr 1883); {Gibson}; British banker, philanthropist & botanist; collected plants for herbarium at Saffron Walden Museum; FLS ____; spouse Elizabeth [née Tuke] Gibson;

desc species:

(Jatropha) **nana** [w NA Dalzell] (India) 1861.

Gibson, TC;

Book [1986] *Nichol Turk's Head Cactus (Echinocactus horzonthalonius var nicholii) Recovery Plan* [w TR van Devender, CJ May, M Butterwick & P Olwell] Albuquerque; 68p.

Gick, James E;

Book [1977] *C&S From Mother Nature* Laguna Hills, Calif; 40p w 201 color photos.



† **Gielsdorf**, Karl (1888–21 Jul 1973); Ger horticulturist; worked w cactus collection at bot garden & museum in Berlin-Dahlem, Ger;

species nah:

(Echinocactus) **gielsdorfianus** (Tamaulipas) (desc & nah by E Werdermann 1929)

—> **Turbinicarpus gielsdorfianus** by V John & J Riha 1983.

Gierisch, RK; {?Ralph Kramer (16 Feb 1913–4 Mr 1993)?};

Book [1980] *A Report of Pediocactus sileri (Engelm.) L.Benson in Arizona & Utah* [w DC Anderson]; Eng; 24p.



†**Giess**, Heinrich Johann Wilhelm [**Willy**] (21 Feb 1910–28 Sep 2000); {Giess}; Ger to Namibia 1926; farmer & botanist; founder & curator of Namibian State Herbarium 1953–80; founder & editor of journal *Dinteria* 1968–91; awarded Linne Silver Medal by Royal Academy of Science, Stockholm, Sweden 1968;

Book [1962] *Some Notes on the Vegetation of the Namib Desert w a List of Plants Collected in the Area Visited by the Carp-Transvaal Museum Expedition During May 1959* Windhoek, Namibia; 35p,

[1969] *Welwitschia mirabilis* Hook. fil.; 52p,

[1989] *Bibliography of SW African Botany* Windhoek; 236p;

species nah:

(Aizoon) **giessii** (Namibia) (desc & nah by CH Friedrich 1960),

(Commiphora) **giessii** (Namibia, Northern Cape) (desc & nah by JJA van der Walt 1973).

(Crassula) **giessii** (Namibia) (desc & nah by HC Friedrich 1974) → **Crassula ausensis** ssp **giessii** by HR Tolken 1975,

(Euphorbia) **giessii** (Namibia) (desc & nah by LC Leach 1982);

disc species:

(Nananthus) **margaritiferu** (Namibia, Botswana, Northern Cape) 1959 (desc by HML Bolus 1960);

desc species:

(Aloe) **arenticuada** [w H Merxmuller] (Namibia) 1974,

(Aloe) **dewinteri** (Namibia) 1973 (na B de Winter),

(Aloe) **namibensis** (Namibia) 1970,

(Stapelia) **albipilosa** (Namibia) 1974 → **Tridentea marientalensis** ssp **albipilosa** by LC Leach 1980.

†**Giessen**, ?;

Book [1927] *Die Kakteen Ihre Unjucst Undpflege*; Ger.



†**Giffen**, (Prof) (Dr) Malcolm Hutchinson (6 Jul 1902–1986); {Giffen}; RSA botanist; PhD at Cambridge Univ; lecturer & prof of botany at Univ of Fort Hare, Eastern Cape 1934–67, & Giffen Herbarium nah;

species nah:

(Delosperma) **giffenii** (Eastern Cape) (desc & nah by MG Lavis 1967),

(Mesemb) **giffenii** (Western Cape) (desc & nah by HML Bolus 1925) → **Drosanthemum giffenii** by MHG Schwantes 1949.

Giky, (Monsieur) ?; Mada nature conservator;

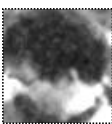
species nah:

(Ceropegia) **giky** (Mada) (desc & nah by WHH Rauh & R Gerold 1998 & disc by R Gerold & A Robivelo 1996).

Gilbert, Cl;

disc subsp:

(Huernia macrocarpa ssp) **harerghensis** [w MG Gilbert] (Ethiopia) 1975 (desc by MG Gilbert 2003).



Gilbert, Michael [**Mike**] George (5 Feb 1943–); {M.G.Gilbert}; British botanist;

MSc in botany at Univ of Liverpool, Eng; lecturer at Univ of Addis Ababa, Ethiopia 1968–76;

botanist at East African Herbarium, Nairobi, Kenya 1977–82, & at Kew 1982~, working on

Flora of Ethiopia 1982–90 & Flora of China 1991~ projects; interested in Aloes, Asclepiads &

Euphorbias; IOS member 1976;

desc *genus*:

Duvaliandra (Socotra) 1980;

species nah:

(Aloe) **gilbertii** (Ethiopia) (desc & nah by Sebsebe Demissew & PE Brandham 1992);

(Euphorbia) **gilbertiana** (Ethiopia) (desc & nah by P Bisseret & E Specks 2006 & disc by E Specks 1999);

disc *species*:

(Pseudolithos) **gigas** (Ethiopia) 1972 (desc by M Dioli 2002);

desc *species*:

(Adenia) **pulchra** [w WJ de Wilde] (Ethiopia) 1992;

(Aloe) **ankoberensis** [w Sebsebe Demissew] (Mada) 2000,

(Aloe) **eumassawana** [w S Carter & Sebsebe Demissew] (Eritrea) 1996 (disc 1972),

(Aloe) **friisii** [w Sebsebe Demissew] (Ethiopia) 2000 (na I Friis),

(Aloe) **kefaensis** [w Sebsebe Demissew] (Ethiopia) 1997,

(Aloe) **parvidens** [w Sebsebe Demissew] (Ethiopia, Kenya, Tanzania, Somalia) 1992,

(Aloe) **pulcherrima** [w Sebsebe Demissew] (Ethiopia) 1997,

(Aloe) **rugosifolia** [w Sebsebe Demissew] (Ethiopia, Kenya) 1992,

(Aloe) **tewoldei** [w Sebsebe Demissew] (Ethiopia) 1997 (disc by Tewolde-Berhan Gebre-Egziabher &

nah),

(Caralluma) **abayensis** (Ethiopia) 1978 —> **Orbea abayensis** by PV Bruyns 2001,

(Caralluma) **gemugofana** (Ethiopia, Kenya, Uganda) 1978 —> **Orbea gemugofana** by PV Bruyns 2001,

(Caralluma) **lamellosa** [w MI Thulin] (Somalia) 2005 (disc by MI Thulin, A Dahir, A Khalid & A Osman 2001) —> **Pleuralluma lamellosa** by DCH Plowes 2008,

(Caralluma) **longiflora** (Somalia) 1990,

(Ceropegia) **burgeri** (Ethiopia) 2003 (disc by WC Burger & nah),

(Ceropegia) **erergotana** (Ethiopia) 2003 (disc by JJF de Wilde & MG Gilbert 1971),

(Ceropegia) **microgaster** (Ethiopia) 2003 (disc by MG Gilbert & MI Thulin 1975),

(Ceropegia) **recurvata** (Ethiopia) 2003 (disc by MG Gilbert & MI Thulin 1975),

(Ceropegia) **sinoerecta** [w PT Li] (Yunnan) 1995,

(Euphorbia) **awashensis** (Ethiopia) 1993,

(Euphorbia) **baleensis** (Ethiopia) 1993,

(Euphorbia) **bitataensis** (Ethiopia) 1993,

(Euphorbia) **boranensis** (Ethiopia, ne Kenya) 1987,

(Euphorbia) **burgeri** (Ethiopia) 1993 (na WC Burger),

(Euphorbia) **cryptocaulis** (Ethiopia) 1987,

(Euphorbia) **dalettiensis** (Ethiopia) 1987,

(Euphorbia) **gymnocalycioides** [w S Carter] (Ethiopia) 1984 (disc by D Riva & E Ruspoli 1893),

(Euphorbia) **monadenioides** (Uganda, Ethiopia) 1987,

(Euphorbia) **nigrispinoides** (Ethiopia) 1993,

(Euphorbia) **omariana** (Ethiopia) 1990,

(Euphorbia) **piscidermis** (Ethiopia) 1973 (disc by him 1971),

(Euphorbia) **sebsebei** (Ethiopia, Kenya) 1993 (na ? Sebsebe Demissew),

(Huernia) **boleana** (Ethiopia) 1975 (disc by him & SB Gilbert 1972),

(Huernia) **recondita** (Ethiopia, Kenya) 1975 (disc by him & SB Gilbert 1969),

(Monadenium) **shebeliense** (Ethiopia) 1990,

(Pachycymbium) **laikipiense** (Kenya) 1990 —> **Orbea laikipiensis** by PV Bruyns 2001,

(Pelargonium) **boranense** [w I Friis] (Ethiopia) 1976,

(Portulaca) **bulbifera** (Kenya, Ethiopia) 1994,

(Portulaca) **commutata** (Ethiopia, Somalia, Kenya, Tanzania) 1994,
(Portulaca) **constricta** (Ethiopia, Somalia) 1994,
(Portulaca) **decorticans** (Ethiopia, Somalia, Kenya) 1992,
(Portulaca) **greenwayi** (Kenya) 2000 (disc by PJ Greenway 1957 & nah),
(Raphionacme) **borenensis** [w HJT Venter] (Ethiopia, Kenya, Somalia) 1989,
(Sedum) **baleensis** (Ethiopia) 1985,
(Sedum) **glomerifolium** (Ethiopia) 1985,
(Sedum) **mooneyi** (Ethiopia) 1985 (disc by HF Mooney 1958 & nah);

transfer species:

"Caralluma dioscoridis" (JJ Lavranos 1971) —> **Duvaliandra dioscoridis** 1980,
"Caralluma torta" (NE Brown 1901) —> **Rhytidocaulon tortum** 1990;

desc subsp:

(Aloe gilbertii ssp) **megalacanthoides** [w Sebsebe Demissew] (Ethiopia) 1997,
(Aloe megalacantha ssp) **alticola** [w Sebsebe Demissew] (Ethiopia) 1997,
(Aloe trichosantha ssp) **longiflora** [w Sebsebe Demissew] (Ethiopia) 1997,
(Caralluma gracilipes ssp) **edwardsiae** (Ethiopia) 1977 (na S Edwards) —> **Caralluma edwardsiae** by

MG Gilbert 1990,

(Caralluma sprengeri ssp) **foetida** (Ethiopia) 1978 —> **Orbea sprengeri** ssp **foetida** by PV Bruyns 2001,
(Caralluma sprengeri ssp) **laticorona** (Ethiopia, Sudan, Kenya) 1978 —> **Orbea laticorona** by PV Bruyns
2001,

(Caralluma sprengeri ssp) **ogadensis** (Ethiopia) 1978 —> **Orbea sprengeri** ssp **ogadensis** by

PV Bruyns 2001,

(Euphorbia septentrionalis ssp) **gamugofana** (Ethiopia) 1993,

(Huernia macrocarpa ssp) **harerghensis** (Ethiopia) 2003 (disc by MG Gilbert & CI Gilbert 1975);

transfer subsp:

"Caralluma gracilipes ssp arachnoidea" (PRO Bally 1969) —> **Caralluma arachnoidea** 1977,

"Caralluma gracilipes ssp breviloba" (PRO Bally 1969) —> **Caralluma arachnoidea** var **breviloba** 1977;

transfer variety:

"Ceropegia longifolia var exigua" (H Huber 1957) —> **Ceropegia exigua** [w PT Li] 1995.

Gilbert, Susan B; British; collected in Ethiopia;

disc species:

(Huernia) **boleana** [w MG Gilbert] (Ethiopia) 1972 (desc by MG Gilbert 1975),

(Huernia) **recondita** [w MG Gilbert] (Ethiopia, Kenya) 1969 (desc by MG Gilbert 1975).

†**Gilg**, (Dr) Ernst Friedrich (12 Jan 1867–11 Oct 1933); {Gilg}; Ger systematist & pharmacologist;
PhD at Berlin Univ 1891 under I Urban, curator of bot museum 1902~ & prof of botany 1906~;

desc genus:

Calyptrotheca (ne tropical Africa) 1897;

species nah:

(Ceropegia) **gilgiana** (Tanzania, Zambia) (desc & nah by E Werdermann 1939);

desc species:

(Aloe) **metallica** [w HGA Engler] (Angola) 1903,

(Calyptrotheca) **somalensis** (Ethiopia, Kenya, Somalia) 1897,

(Cissus) **cactiformis** (Ethiopia, Somalia, Kenya, Tanzania, Mozambique, Zambia, Zimbabwe, RSA) 1895,

(Cissus) **juttae** [w M Brandt] (Namibia) 1912 (na Jutta Dinter) —> **Cyphostemma juttae** by

BM Descoings 1967,

(Cissus) **pachyantha** [w M Brandt] (Kenya, Tanzania) 1911 → **Cyphostemma pachyanthum** by BM Descouings 1967,
 (Cissus) **rupicola** [w M Brandt] (Cameroon, Chad) 1912 → **Cyphostemma rupicola** by BM Descouings 1967,
 (Kalanchoe) **baumii** [w HGA Engler] (na H Baum),
 (Kedrostis) **spinosus** (Ethiopia, Somalia, Kenya, Tanzania) 1904 → **Momordica spinosa** by E Chiovenda 1916.

† **Gill**, (Dr) Lake Shore (25 Apr 1900–5 Jul 1969); {L.S.Gill}; US forest pathologist; PhD at Yale Univ 1934; forest pathologist at USDA 1923–60; studied forest diseases in Tanzania c1963;
Book [1942] *Cactus Disease Investigations* [w PC Lightle] Tucson, Arizona; Eng; 40p;
 [1951] Mortality in the giant cactus at Saguaro Natl Monument 1941–1950 Tucson; Eng; 5p.

Gillespie, (Dr) Lynn Judith (1955–); {L.J.Gillespie}; Canadian field botanist; PhD in botany at Univ of Calif, Davis 1988; field & research botanist at Smithsonian Institute 1989–94; research scientist at Canadian Museum of Nature, Ottawa, Ontario, Canada 1994~; interested in systematics & evolution of Euphorbiaceae; collected in Africa, Yemen & s Asia 1979–80, in Ecuador 1981, in Costa Rica 1982–83, in Panama 1983–87, in the Greater Antilles including Jamaica, Haiti, Dominican Republic & Cuba 1985, 86 & 87, in Mex 1985 & 86, in Trinidad 1987, in Guyana 1988 & 91, in sw US 1991 & in Peru 1993 & 94;
species nah:
 (Marsdenia) **gillespieae** (Guyana) (desc & nah by GN Morillo 1991).



† **Gillett**, Jan Bevington (28 May 1911–18 Mar 1995); {J.B.Gillett}; British botanist; MA at Cambridge Univ 1934; botanist at Dept of Agriculture, Iraq 1946–49, at Kew 1949–64 & at East African Herbarium, Nairobi, Kenya 1964–84; explored & collected at Cape, Transvaal, Botswana, tropical Africa (including Rhodesia, Zambia, Somalia & Ethiopia) 1932–33, at Kenya & Ethiopia 1952–53, at Nigeria 1962 & at Kenya & Tanzania 1964–70; interested in taxonomy; spouse Gertrude [née Spector] (–17 Mar 1995);
Book [1991] *Flora of Tropical East Africa — Burseraceae* Brookfield, Eng; Eng; 94p;
species nah:
 (Euphorbia) **gillettii** (Somalia) (desc & nah by PRO Bally & S Carter 1977),
 (Monadenium) **gillettii** (Somalia) (desc & nah by S Carter 1993),
 (Plectranthus) **gillettii** (Somalia, Kenya, Ethiopia) (desc & nah by JK Morton 1998);

disc species:
 (Aloe) **gillettii** (Somalia) (desc & nah by S Carter 1994),
 (Euphorbia) **actinoclada** (Kenya-Ethiopia border into Somalia) 1952 (desc by S Carter 1982),
 (Euphorbia) **adjurana** (Ethiopia, n Kenya) 1952 (desc by S Carter & PRO Bally 1982),
 (Euphorbia) **gemmea** (Kenya) 1952 (desc by S Carter & PRO Bally 1982).

† **Gilli**, Alexander (1904–2007); {Gilli}; Austrian botanist;
desc species:
 (Euphorbia) **tenuispinosa** (Kenya) 1974.

† **Gillies**, (Dr med) John (18 Jan 1792–24 Nov 1834); {Gill.}; Scottish naval surgeon & botanist; MD at Univ of Edinburgh 1817; to Argentina 1820; collected cacti in Argentina, Brazil & Chile 1817 & 1820–28; sent specimens to JW Hooker;
species nah:

(Portulaca) **gilliesii** (Uruguay, Paraguay, Argentina, Bolivia) (desc & nah by WJ Hooker 1831);

disc species:

(Cereus) **candicans** (Argentina) 1823 (desc by JFM Salm-Dyck 1834) —> **Echinopsis candicans** by DR Hunt 1987,

(Cereus) **strigosus** (Argentina) 1824 (desc by JFM Salm-Dyck 1834) —> **Echinopsis strigosa** by H von Friedrich & GD Rowley 1974,

(Echinocactus) **rhodacanthus** (Argentina) 1823 (desc by JMF Salm-Dyck 1834) —> **Denmoza rhodacantha** by NL Britton & JN Rose 1922,

(Opuntia) **corrugata** (Argentina) ≈1824 (desc by JFM Salm-Dyck 1834) —> **Tunilla corrugata** by DR Hunt & J Iliff 2000.



† **Gilliland**, (Prof) (Dr) Hamish Boyd (2 Oct 1911–23 Jun 1965); {Gilliland}; Rhodesia botanist; prof of botany at Witwatersrand Univ 1935–49 & earned a DSc 1949; prof of botany at Univ of Malaya, Singapore 1955–65 & at Natal Univ, RSA 1965~; pub on ecology & taxonomy; specialized in grasses; FLS 1934;

Book [1952] *A Student's Key to the Monocotyledons of the Witwatersrand Johannesburg, RSA*; 70p;

disc species:

(Aloe) **massawana** 1952 (desc by GW Reynolds 1959).



Gilmer, Klaus Horst (1961–); {Gilmer}; Ger horticulturist, biologist & environmental manager; interested in c&s 1975~, especially S Amer Opuntiods; IOS member 1997; spouse Katharina Gilmer;

Book [1996] *Zusammenfassung der Beobachtungen über Fundortbedingungen und Kulturerfahrungen bei der Gattung Tephrocactus Lemaire* [w H-P Thomas] Zweibrücken, Ger; Ger; 45p w 34 color photos.

Gilmer, Maureen;

Book [2009] *Palm Springs-Style Gardening* San Diego, Calif; Eng; 150p.

Gils, Kees van; Dutch horticulturist;

Book [1983] *Mamm, Namen en Locatie*; Amsterdam, Netherlands; Dutch; 62p.

Gilstrap, FE;

Book [1981] *Assessment of the Prickly Pear Problem on Texas Rangelands* [w RE Whitson, DN Ueckert, GK Lundgren & CW Livingston] College Station, Texas; 22p.



† **Ginns**, Ronald [**Ron**] (1 Mar 1896–26 Dec 1976); British school teacher; succ propagator, lecturer & writer of journal articles; teacher 1920~ & head of science dept 1945–59 at Kettering Selective Central School, Northamptonshire, Eng; member of Alpine Garden Soc early 1930s~; founding member of NCSS 1946, Fellow 1961 & Life Member 1971; show judge & wrote journal articles; IOS member 1973; Ron Ginns Medal as a NCSS show trophy nah 1978; explored in West Indies, Africa & Canary Islands; first spouse Edith Ginns & second spouse Jean Ginns;

Book [1963] *C&OS Middlesex*, Eng; Eng; 191p; (rev London 1975 w 129p),

[1966] *A guide to C&S Plants* Bradford, Eng; Eng; 48p,

[1967] *Gymnocalyciums* Surrey, Eng; Eng; 44p,

[1968] *Echeverias – NCSS Handbook #1* Bristol; Eng; 60p,

[1973] *Echeverias—a Guide to Cultivation & Identification of the Popular Amer Succ* [w L Carruthers] Edinburgh, Scotland; Eng; 110p w 24 color plates; revision of 1968 Echeverias book.

Giraud, Bernadette;

Book [1983] *Xylogie et Phylogénie des Euphorbiacées arborescentes* Paris, France; French; 215p.

†**Giseke**, (Prof) (Dr med) Paul Dietrich (8 Dec 1741–26 Apr 1796); {Giseke}; Ger physician & botanist; student of C Linnaeus; prof at Hamburg Johanneum & at Univ of Göttingen, Ger;

Book [1789] *Geographical-Genealogical Map of the Affinities of Plants Drawn after the Natural Orders of Linnaeus* [w JC Fabricius],

[1792] *Foregatherings of Plants in Natural Orders* [w JC Fabricius]; (Students of C Linnaeus who detailed his attempted natural system, adding quality of the sap as a new element in classification.).



†**Githens**, (Prof) (Dr med) Thomas Stotesbury (29 Jul 1878–1 Apr 1966); US physician; MD at Univ of Pennsylvania 1899; prof in dept of physiology & pharmacology at Rockefeller Institute for Medical Research, NY 1910–19, at Mulford Company 1919–32 & at Dohme Company 1933–50;

Book [1949] *Drug Plants of Africa* Philadelphia, Pennsylvania; 125p.

†**Given**, (Dr) David Roger (8 Nov 1943–17 Nov 2005); {Given}; New Zealand botanist; PhD in botany at Univ of Canterbury 1970; worked at Dept of Scientific & Industrial Research, Christchurch 1965–92 & curator of herbarium; interested in New Zealand flora; FLS ____; spouse Karina;

transfer species:

"*Tillaea kirkii*" (HHB Allan 1961) —> ***Crassula kirkii*** [w AP Druce] 1984.

"*Tillaea multicaulis*" (D Petrie 1887) —> ***Crassula multicaulis*** [w AP Druce] 1984.

"*Tillaea sinclairii*" (JD Hooker 1864) —> ***Crassula sinclairii*** [w AP Druce] 1984.

Glaetzle, [Glätzle,] (Dr) Wolfgang (1951–); {Glaetzle}; Austrian chemist; worked w H von Friedrich on Echinopsis; IOS member 1984;

desc species:

(Echinopsis) ***chamaecereus*** [w H Friedrich] (Tucuman) 1983;

transfer species:

"*Lobivia walteri*" (R Kiesling 1976) —> ***Echinopsis walteri*** [w H von Friedrich] 1983.



†**Glass**, Charles Edward (24 May 1934–23 Feb 1998); {Glass}; eastern US to Calif 1960 & to CANTE, Mex 1991; linguist, actor, nurseryman 1961~, horticulturist, conchologist, journal editor, lecturer, book dealer, prolific writer & succ plant specialist; BA in languages (majoring in German) at Columbia Univ; stage actor ~1960; purchased SE Haselton *Abbey Garden Press* & book dealer 1964–91; in charge of Ganna Walska's *Lotusland* bot garden near Santa Barbara, Calif 1973–83;

curator of succ & herbarium at El Charco del Ingenio bot gardens at San Miguel de Allende (CANTE) in Guanajuato, Mex 1991–97; made up to 18 expeditions to Mex (many w business partner of 25 yrs, RA Foster) to study & collect cacti 1956–80; editor of *CSSA Cactus & Succ Journal* 1966–92; IOS member 1967; CSSA Fellow award 1979 & Special Service award 1993;

Book [1963–80] *Mex Log Book** Reseda, Calif; Eng; 264p,

[1966] *Family Album—The C&S Journal 1966 Yearbook* Pasadena, Calif; Eng; 100p; (photos of first 37 yrs of journals & dedicated to SE Haselton),

[1966] *C&S Books* Reseda; Eng; 16p,

[1967] *38-Year Journal Index* Reseda; Eng; 50p; index to Vols 1–38 journals,
 [1973] *Plant Exploration in the States of Oaxaca & Chiapas** Santa Barbara, Calif; Eng; 58p;
 (C&S notes of TB MacDougall from 1936 to 1971),
 [1975] *1975 Yearbook** (supplement to CSSA Journal) Reseda, Calif; Eng; 104p,
 [1976] *C&S for the Amateur** Santa Barbara; Eng; 72p,
 [1979] *Revision of the Genus Turbinicarpus** Reseda; Eng; 16p,
 [1991] *Cacti* [w CF Innes] London, Eng; Eng; 320p w over 1,200 color photos; (reprint 2001 as *The Illustrated Enc of Cacti*),
 [1996] *Identifying Cacti* [w CF Innes & M Schneck] Edison, New Jersey; Eng; 80p w 125 color photos,
 [1998] *Identification Guide to Threatened Cacti of Mex (Vol 1)* Coyoacán, Mex; Spanish/Eng; 216p;
 Vol 2 never completed due to his death);

*w RA Foster

desc genera [w/o RA Foster]:

Acharagma (Coahuila, Nuevo Leon) 1997,

Geohintonia [w WA Fitz Maurice] (Nuevo Leon) 1991;

disc species [w/o RA Foster]:

(Coryphantha) **glassii** (Guanajuato, San Luis Potosi) (desc & nah by R Dicht & AD Luthy 2000),

(Sedum) **mocinianum** [w ML Mendoza] (Guanajuato) 1998 (desc by E Perez-Calix 1998 & na JM Mocino);

disc species [w RA Foster]:

(Echeveria) **lilacina** [w RA Foster & S Osada] (Nuevo Leon) 1971 (desc by MW Kimnach & RV Moran 1980),

(Echeveria) **unguiculata** (San Luis Potosi, Tamaulipas) 1970 (desc by MW Kimnach 2002),

(Mamm) **glassii** (Nuevo Leon) 1968 (desc & nah by RA Foster 1968);

desc species [w/o RA Foster]:

(Aztekium) **hintonii** [w WA Fitz Maurice] (Nuevo Leon) 1992 (disc by GS Hinton 1991 & nah),

(Echeveria) **cante** [w M Mendoza-Garcia] (Zacatecas) 1997 (disc by CE Glass 1969),

(Geohintonia) **mexicana** [w WA Fitz Maurice] (Nuevo Leon) 1991 (disc by GS Hinton 1991),

(Graptopetalum) **mendozae** [w M Chazaro] (Veracruz) 1997 (disc by M Mendoza & MS Pichardo 1992 & na M Mendoza),

(Mamm) **giselae** [w JG Martinez-Avalos] (Tamaulipas) 1997 (disc by them 1995 & na Gisela GH de Martinez) —> **Mamm schiedeana** ssp **giselae** by JM Luthy 1998,

(Mamm) **marcosii** [w WA & EA Fitz Maurice] (Guanajuato) 1997 (disc by Marcos Sierra 1995 & nah),

(Mamm) **saboae** (Chihuahua) 1966 (na KM Sabo & disc by her & son Brian 1965),

(Pachyphytum) **garciae** [w E Perez-Calix] (Queretaro) 1999 (na JA Garcia Luna),

(Pachyphytum) **machucae** [w I Garcia Ruiz & M de J Chazaro Basanoez] (Michoacan) 1999 (disc by I Garcia Ruiz 1997 & na JA Machuca Nunez).

(Thelocactus) **garciae** [w M Mendoza-Garcia] (Tamaulipas) 1997 (disc by JA Garcia Luna 1996)

—> **Thelocactus conothelos** ssp **garciae** by A Mosco & C Zanovello 2000,

(Turbinicarpus) **alonsoi** [w S Arias Montes] (Guanajuato) 1996 (disc by Alonso G Luna 1994 & nah);

desc species [w RA Foster]:

(Coryphantha) **laredoi** (Coahuila) 1978 (disc by them 1972 & na M Laredo) —> **Escobaria laredoi** by NP Taylor 1979,

(Echinocereus) **nivosus** (Coahuila) 1978 (disc by them 1972),

(Escobaria) **henricksonii** (Durango, Chihuahua) 1977 (disc by JS Henrickson 1972 & nah) —> **Escobaria chihuahuensis** ssp **henricksonii** by NP Taylor 1998,

(Gymnocactus) **aguirreanus** (Coahuila) 1972 (na G Aguirre Benavides) —> **Acharagma aguirreana** by

CE Glass 1997,

(Mamm) **anniana** (Tamaulipas) 1981 (disc by AB Lau 1979 & na Anni Lau),

(Mamm) **fittkaui** (Jalisco, Guanajuato) 1971 (disc by H Fittkau late 1960s & nah),

(Mamm) **goldii** (Sonora) 1968 (disc DB Gold 1918 & na DB Gold) —> **Mamm saboae** ssp **goldii** by

DR Hunt 1997,

(Mamm) **hernandezii** (Oaxaca) 1983 (disc by F Otero & E Hernandez 1978 & nah),

(Mamm) **oteroi** (Oaxaca) 1975 (disc by F Otero 1971 & nah),

(Mamm) **tayloriorum** (San Pedro Island off Sonora) 1975 (disc by IM Johnston 1921 & na B&S Taylor),

(Turbinicarpus) **alonsoi** [w S Arias Montes] (Guanajuato) 1996 (disc by Alonso Garcia Luna 1994 & nah)

(Turbinicarpus) **gracilis** (Nuevo Leon) 1976 (disc by them 1971) —> **Turbinicarpus schmiedickeanus** ssp **gracilis** by CE Glass 1997,

(Turbinicarpus) **laui** (San Luis Potosi) 1975 (disc by AB Lau 1974 & nah);

transfer species [w/o RA Foster]:

"Neolloydia pulleineana" (C Backeberg 1948) —> **Coryphantha pulleineana** 1968,

"Toumeyia krainziana" (G Frank 1960) —> **Turbinicarpus pseudomacrochele** ssp **krainzianus** 1997,

"Turbinicarpus flaviflorus" (G Frank 1979) —> **Turbinicarpus schmiedickeanus** ssp **flaviflorus** 1997;

transfer species [w RA Foster]:

"Mammillaria potosiana" (GA von Jacobi 1856) —> **Coryphantha potosiana** 1971,

"Pelecyphora pseudopectinata" (C Backeberg 1935) —> **Turbinicarpus pseudopectinatus** 1977,

"Pelecyphora valdeziana" (H Moeller 1930) —> **Turbinicarpus valdezianus** 1977;

desc subsp [w/o RA Foster]:

(Strombocactus disciformis ssp) **esperanzae** [w S Arias] (Guanajuato) 1996 (disc by them 1995 & na Esperanza B de Valazquez);

desc variety [w/o RA Foster]:

(Ferocactus recurvus var) **greenwoodii** (Oaxaca) 1968 (disc by E Greenwood 1967 & nah)

—> **Ferocactus latispinus** ssp **greenwoodii** by NP Taylor 2005;

desc variety [w RA Foster]:

(Gymnocactus subterraneus var) **zaragosae** (Nuevo Leon) 1978 (disc by them 1972) —> **Turbinicarpus beguinii** ssp **zaragosae** by DR Hunt 2005,

(Mamm pennispinosa var) **nazasensis** (Durango) 1975 (disc by them 1968) —> **Mamm pennispinosa** ssp **nazasensis** by DR Hunt 1997,

(Thelocactus conothelos var) **argenteus** (Nuevo Leon) 1972 (disc by them 1971) —> **Thelocactus conothelos** ssp **argenteus** by CE Glass 1997,

(Thelocactus conothele var) **aurantiacus** (Nuevo Leon) 1972 —> **Thelocactus conothelos** ssp **aurantiacus** by CE Glass 1997,

(Turbinicarpus schmiedickeanus var) **dickisoniae** (Nuevo Leon) 1982 (disc by S Dickison 1981 & nah) —> **Turbinicarpus schmiedickeanus** ssp **dickisoniae** by NP Taylor 1998;

transfer variety [w/o RA Foster]:

"Turbinicarpus pseudomacrochele var lausseri" (L Diers & G Frank 1991) —> **Turbinicarpus pseudomacrochele** ssp **lausseri** 1997.

Glatzle, [Glätzle,] W — See **Glaetzle**, Wolfgang.



Glavich, Thomas [Tom] (1950–); US; CSSA *To The Point* editor 2 issues 2003–04 & VP 2010–12; spouse Jeanette Glavich;

Book [2015] *Beginner's Guide — To Gasteria, Haworthia, Agave and other Succulent Monocots* CSSA pub; Eng; 99p.



† **Glaziou**, Auguste François Marie (30 Aug 1828–30 Mar 1906); {Glaz.}; French bot traveler; dir of Paseo Publico, Rio de Janeiro, Brazil; explored & collected ne Brazil 1861–95; dir of Paseo Publico, Rio de Janeiro;

disc species:

(Cereus) **glaziovii** (Minas Gerais) 1888 (desc & nah by KM Schumann 1890) —> **Arthrocereus glaziovii** by NP Taylor & DC Zappi 1991,
(Euphorbia) **sipolisii** (Minas Gerais) c1892 (desc by NE Brown 1893 & na AMM Sipolis).

Gledhill, Eily; see Archibald, EEA.



Glen, (Dr) **Hugh** Francis (18 Jan 1950–); {Glen}; RSA botanist;

MSc for revision of *Gibbaeum* & PhD for revision of *Lampranthus* at Cape Town Univ, RSA c1976; research assistant at Bolus Herbarium 1976 & at Bot Research Institute, Pretoria, RSA 1977~; interested in Mesemb & taxonomy; FLS 1975; IOS member 1982; collected in RSA & Namibia;

spouse René Petronel [née Henrici] Glen (26 Sep 1946–);

Book [1993] *Studies on the Mesemb (Aizoaceae)* [w D Stuber, W Wisura & HEK Hartmann]; 107p,

[2000] *Aloaceae: Aloe – Flora of Southern Africa* [w DS Hardy]; 167p,

[2010] *Botanical Exploration of Southern Africa, Edition 2* [w G Germishuizen] Pretoria; Eng; 489p; (1st edition, see LEW Codd & MD Gunn);

desc genus:

Mestoklema (Botswana, Free State, Eastern Cape, Northern Cape, North-West) 1981;

desc species:

(Aloe) **fouriei** [w DS Hardy] (Mpumalanga) 1987 (na SP Fourie),

(Aloe) **hardyi** (Mpumalanga) 1987 (na DS Hardy);

(Aloe) **molederana** [w JJ Lavranos] (Somalia) 1989,

(Mestoklema) **albanicum** (Eastern Cape) 1981,

(Mestoklema) **copiosum** (Northern Cape) 1981,

(Mestoklema) **elatum** (Eastern Cape) 1981,

(Mestoklema) **illepidum** (Eastern Cape) 1981,

(Mestoklema) **tuberosum** (Eastern Cape) 1981;

transfer species:

"Aloe davyana" (S Schonland 1904) —> **Aloe greatheadii** var **davyana** [w DS Hardy] 1987,

"Aloe karasbergensis" (NS Pillans 1928) —> **Aloe striata** ssp **karasbergensis** [w DS Hardy] 1987,

"Aloe komaggasensis" (K Kritzinger & EJ van Jaarsveld 1985) —> **Aloe strata** ssp **komaggasensis** [w DS Hardy] 1987,

"Aloe woolliana" (IB Pole-Evans 1934) —> **Aloe chortolirioides** var **woolliana** [w DS Hardy] 1987,

"Mesemb arboriforme" (WJ Burchell 1822) —> **Mestoklema arboriforme** 1981,

"Mesemb macrorrhizum" (AH Haworth 1826) —> **Mestoklema tuberosum** var **macrorrhizum** 1981,

"Mesemb nuciforme" (AH Haworth 1795) —> **Gibbaeum nuciforme** [w HEK Hartmann] 2001,

"Mesemb tuberosum" (C Linnaeus 1753) —> **Mestoklema tuberosum** 1981,

"Mesemb wilmaniae" (HML Bolus 1916) —> **Ebracteola wilmaniae** 1986,

"Ruschia fulleri" (HML Bolus 1929) —> **Ebracteola fulleri** 1986;

desc subsp:

(Aloe cooperi ssp) **pulchra** [w DS Hardy] (Natal, Swaziland) 1987,

(Aloe marlothii ssp) **orientalis** [w DS Hardy] (Natal, Mozambique) 1987,

(*Carpobrotus edulis* ssp) **parviflorus** [w W Wisura] (Western Cape) 1993.

Gloser, Jan; Czech Rep;

Book [1987] *Sukulentní Rostliny* = "Succ Plants" [w S Husak] Prague, Czech Rep; Czech; 118p + 24 color plates,
[1988] *Kvetoucí Kameny* = "Flowering Stones" Prague; Czech; 128p w 81p color photos.

† **Glover**, Phillip Earle (1912–1978); {P.E.Glover}; RSA botanist; spouse Alma Isabel [née Taylor] Glover (1912–2007);

disc variety:

(*Monadenium montanum* var) **rubellum** (Kenya) 1954 (desc by PRO Bally 1959) → **Monadenium rubellum** by S Carter 1987.



† **Gmelin**, (Prof) (Dr med) Johann Friedrich (8 Aug 1748–1 Nov 1804); {J.F.Gmel.}; Ger naturalist, botanist, entomologist & physician; MD at Univ of Tübingen, Ger 1769 & prof of medicine 1769–72; prof of philosophy & medicine at Göttingen, Ger 1774–78 + of chemistry, botany & mineralogy 1778~; pub 13th edition of Linnaeus' *Systema Naturae* w additions & alterations 1788;

desc species:

(*Ceratodes*) **tuberosa** (Caribbean Islands, S Amer) 1791,
(*Euphorbia*) **abyssinica** (Sudan, Eritrea, Ethiopia, Somalia) 1791,
(*Turra*) **leloja** (Yemen, Somalia, Kenya, Tanzania) 1791 → **Kedrostis leloja** by C Jeffrey 1962.

† **Gmelin**, (Prof) (Dr med) Samuel Gottlieb (4 Jul 1744–27 Jul 1774); {S.G.Gmel.}; Ger physician, botanist & explorer; MD at Univ of Leiden 1763; prof of botany at St Petersburg 1766~; explored in Russian Empire, including Caucasus 1767~; interested in marine algae; spouse Anna von [née Chappuzeau] Gmelin;

desc species:

(*Sedum*) **stoloniferum** (Caucasia, Iran, Turkey) 1774 → **Phedimus stoloniferus** by H 't Hart 1995.



† **Goddijn**, (Dr) Wouter Adriaan (9 Apr 1884–22 Feb 1960); {Goddijn}; Dutch botanist; curator of Rijksherbarium at Leiden Univ 1914~, PhD 1926 & prof 1934~; studied hybridization in natural populations of *Cotyledon* & *Euphorbia* in RSA 1926–27 w JP Löttsy;

desc species:

(*Euphorbia*) **bothae** [w JP Löttsy] (Eastern Cape) 1928.

† **Godefroy-Lebeuf**, [né Godefroy,] Alexandre (8 Jun 1852–2 Aug 1903); {God.-Leb.}; French horticulturist, gardener, nurseryman & journalist; student gardener at Jardin des Plantes, Paris, France 1869–70; gardener at Kew 1871–72 & at bot garden, Saigon, Cochinchina (Vietnam) 1872; owner of nursery *Établissement Horticole* in France; pub periodicals *L'Orchidophile* & *Le Jardin*; wrote on genus *Sansevieria*; spouse (Mlle) ? [née Lebeuf] Godefroy-Lebeuf;

Book [c1890] *Le Cactus inerme, Opuntia ficus-indica var inermis* Paris; French; 23p,

[1903] *Les Sansevierias Gigantesques de l'Afrique Orientale et Leurs Fibres* Paris, France; 33p;

desc species:

(*Sansevieria*) **stuckyi** (Mozambique) 1903 (na ? Stucky).



† **Goding**, (Dr) Frederic Webster (9 May 1858–5 May 1933); US physician, US consular service, scientist & entomologist; MD at Northwestern Univ, Evansville, Illinois 1882; PhD at Bethel College, McKenzie, Tennessee 1890; US consul at Newcastle, New South Wales, Australia 1898–1908; consul at Montevideo, Uruguay, 1908–13; consul-general at

Guayaquil, Ecuador 1913–24; assisted JN Rose in botanical exploration in Ecuador; first spouse Ella Blanche [née Phelps] Goding; second spouse Jessie E [née Ayer] Goding (–1918);

species nah:

(Lemaireocereus) **godingianus** (Ecuador) (desc by NL Britton & JN Rose 1920 & disc by JN Rose & G Rose 1918) —> **Armatocereus godingianus** by EJ Salisbury 1947.

† **Godman**, [née Chaplin] (Dame) Alice Mary (24 Jun 1868–3 Oct 1944); British artist; set up Godman Exploration Fund 1920; spouse Frederick Ducane [DuCane] Godman (15 Jan 1834–19 Feb 1919) naturalist, entomologist & ornithologist;

species nah:

(Drosanthemum) **godmaniae** (Little Namaq) (desc & nah by HML Bolus 1929),
(Mesemb) **godmaniae** (Little Namaq) (desc & nah by HML Bolus 1929) —> **Lampranthus godmaniae** by HML Bolus 1939.

† **Goebel**, (Prof) (Dr) Karl Immanuel Eberhard [later Ritter von] (8 Mar 1855–9 Oct 1932); {K.I.Goebel}; Ger morphologist & botanist; PhD at Strasburg Univ 1877; lecturer or prof at Univ of Wuerzburg, at Leipzig, at Strasburg, at Rostock, at Marburg & at Munich (& dir of bot garden) 1880~; explored in Ceylon & Java 1885–86, in Venezuela & British Guiana 1890–91 & in Brazil 1913; knighted 1909; FRS 1926; awarded Linnean Medal 1931;

species nah:

(Cereus) **goebelianus** (Bahia, Minas Gerais) (desc & nah by FKJ Vaupel 1923) —> **Coleocephalocereus goebelianus** by AFH Buining 1970.

Goettsch Cabello, Bárbara Karen Lucía; Mex botanist at UNAM;

disc subsp:

(Echinocereus ssp palmeri) **mazapil** [w HM Hernandez & C Gomez-Hinostrosa] (Zacatecas) 2001 (desc by HM Hernandez & C Gomez-Hinostrosa 2004).

Goetz, E — See **Gotz**, E.

† **Goetze**, Walter (1872–1899); Ger naturalist & photographer; collected in Tanzania 1898–99;

species nah:

(Adenia) **goetzei** (Tanzania, Zambia Zaire, Zimbabwe) (desc & nah by HAT Harms 1902),
(Euphorbia) **goetzei** (Ethiopia to Kenya, Tanzania, Zambia, Malawi) (desc & nah by FA Pax 1900),

disc species:

(Dorstenia) **goetzei** (Tanzania, Kenya) (desc & nah by HGA Engler 1900),
(Euphorbia) **angustiflora** (Tanzania) (desc by FA Pax 1904),
(Euphorbia) **dumeticola** (Tanzania) c1900 (desc by PRO Bally & S Carter 1976),
(Euphorbia) **nyassae** (Tanzania) 1899 (desc by FA Pax 1904),
(Euphorbia) **schubei** (Tanzania) 1899 (desc by FA Pax 1904 & na ? Schube) —> **Monadenium schubei** by NE Brown 1911,
(Euphorbia) **tetracanthoides** (Tanzania) 1899 (desc by FA Pax 1901),
(Euphorbia) **ussanguensis** (Zambia, Tanzania, Malawi) 1903 (desc by NE Brown 1912) —> **Euphorbia cooperi** var **ussanguensis** by LC Leach 1970,
(Monadenium) **goetzei** (Tanzania) 1899 (desc & nah by FA Pax 1902),
(Stenadenium) **spinescens** (Tanzania) 1899 (desc by FA Pax 1901) —> **Monadenium spinescens** by PRO Bally 1959.



† **Gold, Dudley** Blackburn (13 Jan 1897–31 Oct 1990); US to Mex 1918; mining engineer & scholar of Cactaceae of Mex 1918~; established private gardens of succ in Mex City 1938–66 & in Cuernavaca, Mex 1966~ & donated to Univ of Mex bot garden after death; collected in Mex 1946~; co-founder of *Sociedad Mexicana de Cactologia* (the Mex Soc of Cactology) 1951; CSSA Fellow award 1977; first spouse Lena [nee Grant] Gold (–1982); second spouse Alicia [née Carbajal] Gold (–1970);

species nah:

(Echeveria) **goldiana** (state of Mex) (desc & nah by EE Walther 1959) —> **Echeveria halbingeri** var **goldiana** by MW Kimnach 1998,
(Graptopetalum) **goldii** (desc & nah by E Matuda 1956);

disc species:

(Echinocereus) **tayopensis** [w H Sanchez-Mejorada] (Sonora, Chihuahua) 1956 (desc by WT Marshall 1956) —> **Echinocereus stoloniferus** ssp **tayopensis** by NP Taylor 1997,
(Mamm) **goldii** [(Sonora) 1918 (desc & nah by CE Glass & RA Foster 1968) —> **Mamm saboae** ssp **goldii** by DR Hunt 1997,
(Sedum) **goldii** (Hidalgo) 1954 (desc & nah by E Matuda 1956),
(Thompsonella) **colliculosa** (Michoacan) 1961 (desc by RV Moran 1992).

Goldblatt, (Dr) Peter (8 Oct 1943–); RSA botanist, cytologist, & taxonomist;
PhD at Univ of Cape Town, RSA 1970; to US 1972; curator of African botany at Missouri Botanical Garden, St Louis 1972~; specialist in Iridaceae of Africa; collected in Cape Prov, RSA & in other regions of s Africa, Mada, US, Greece, Italy, Israel, Turkey & Iran 1962–72;
Book [1984] *Plants of the Cape Flora—A Descriptive Catalog (from Journal of South African Botany Supplementary Vol. No. 13)* [w P Bond]; Eng; 455p w 12 color photos,
[1991] *Systematics, Biology & Evolution of some South African Taxa* {w HEK Hartmann, EGH Oliver, HP Linder, BE van Wyk] Cape Town, RSA; 288p,
[2000] *Wildflowers of the Fairest Cape* [w JC Manning] Cape Town, RSA; 315p.



† **Goldman**, [né Goltman,] Edward Alphonso (7 Jul 1873–2 Sep 1946); {Goldman}; US field naturalist, mammalogist, ornithologist, biologist & photographer; worked for USDA 1892–43 & an honorary position at Smithsonian Institute 1928~; surveyor w EW Nelson for USDA biological survey in Mex; collected w EW Nelson in Mex & Guatemala 1892–1906; primary interest was in birds & animals; spouse Emma Mae [née Chase] (1877–1961);

species nah:

(Altamiranoa) **goldmanii** (Hidalgo, Guanajuato, Michoacan, state of Mex, Morelos, Puebla, Tlaxcala) (desc & nah by JN Rose 1903) —> **Sedum goldmanii** by RV Moran 1996,
(Beaucarnea) **goldmanii** (Chiapas, Guatemala) (desc & nah by JN Rose 1909),
(Beaucarnea) **guatemalensis** (Guatemala) 1906,
(Echeveria) **goldmanii** (Chiapas) (desc & nah by JN Rose 1905);

disc species:

(Agave) **goldmaniana** [w EW Nelson] (Baja Calif) c1894 (desc by WA Trelease 1912 & na EA Goldman),
(Agave) **nelsonii** [w EW Nelson] (Baja Calif) (desc & na EW Nelson by WA Trelease 1912) —> **Agave cerulata** ssp **nelsonii** by HS Gentry 1978,
(Villadia) **nelsonii** [w EW Nelson] (Guerrero, Oaxaca) 1894 (desc by JN Rose 1903 & na EW Nelson).

Goldmann, A;

Book [1967] *Culture et Particularites Biochimiques de Différents Tissus d'Opuntia vulgaris* [w G Morel]; 381p.

Golodnyak, [Golodniak,] Olga Nikolaevna; Russian at Academician Roman Bot Garden in Kiev;
Book [1982] *Kaktusy* [w DN Shirobokova & MR Koroleva] Kiev, Ukraine; Russian; 184p w 409 color photos.

Golocha, TV;

Book [2001] *Kaktusy Diya Natschina* [w J Belous] Moscow, Russia & Donetsk, Ukraine; Russian; 368p.



† **Gomes e Sousa**, (Dr) António de Figueiredo (5 Feb 1896–23 Oct 1973); {Sousa or Gomes e Sousa}; Lisbon, Portugal; Portuguese agronomist, botanist, taxonomist, phytogeographer, sketch artist, ecologist; PhD in agronomy at Instituto Superior de Agronomia, Lisbon 1920; agronomist in Angola 1922-27 & 1929-30; to Mozambique 1930; interested in ecology, dendrology, nature conservation & bot history; spouse Alice M [née Antunes Barreira] Gomes e Sousa;

Book [1947] *The Stapelias of Mozambique*; French; 21p;

desc variety:

(*Caralluma melanantha* var) **sousae** (Portuguese East Africa) 1937 (disc by A Gomes e Sousa 1934 & nah).



Gomez, Marte Rodolpho (4 Jul 1896–16 Dec 1973); Mex engineer; governor of state of Taumalipas, Mex 1937–40; spouse Hilda [née Leal] Gomez;

genus nah:

Neogomesia (Taumalipas) (desc & nah by M Castaneda 1941) (syn of *Ariocarpus*).



Gomez-Hinostrosa, [Gómez-Hinostrosa,] Carlos (1971–); (Gomez-Hin.);

Book [2011] *Mapping the Cacti of Mexico* [w HM Hernandez] Milborne Port, Eng; Eng; 128p w 34 color photos;

desc species:

(*Opuntia*) **xandersonii** [w HM Hernandez & RT Barcenás] (San Luis Potosí) 2003 (disc by them 2000),
(*Peniocactus*) **chiapensis** [w HM Hernandez] (Chiapas) 2005 (disc by H Bravo-Hollis 1967);

desc subsp:

(*Echinocereus* ssp *palmeri*) **mazapil** [w HM Hernandez] (Zacatecas) 2004 (disc by them & B Goettsch 2001).

Gomez Lavenant, J;

Book [1984] *Cultivo de Agave tequilero* Mex City; 68p.



Gomez Pompa, [Gómez Pompa,] Arturo (21 Oct 1934–); {Gómez Pompa}; Mex botanist at UNAM; studied *Dioscoreaceae* family; spouse Norma [née Barrero] Gomez Pompa;

Book [1963] *El Genero Agave*; Mex; 28p;

desc species:

(*Yucca*) **lacandonica** [w B Valdes] (Veracruz, Tabasco, Campeche, Chiapas) 1962.

Gomez Sanchez, [Gómez Sánchez,] Antonio; Spanish horticulturist;

Book [1998] *Jardins de Cactus y Suculentas de España* Valencia, Spain; Spanish; 159p w 396 color photos,

[2001] *Enciclopedia Ilustrada de los Cactus y Otras Suculentis* (=Illustrated Encyclopedia of Cactus & Other Succulents); Valencia, Spain; Spanish; (in 4 volumes); 224p w 804 color photos.

[2001] Vol 1; 224p w 804 color photos,

[2006] Vol 2; 223p,

[2008] Vol 3; 240p,

[2013] Vol 4; 296p.



†**Goncalves**, [Gonçalves,] Maria Leonor (1934–2004); {Gonç.}; Portugal;
transfer species:

"Trianthema nyasicum" (JG Baker 1897) —> **Sesuvium nyasicum** 1965.

Gonclaves de Lima, O; Mex;

Book [1956] *El Maguey y el Pulque en los Codices Mexicanos* Mex City; 278p,

[1975] *Pulque, Balche y Pajauaru na Etnobiologia das Bebidas e dos Alimentos Fermentados Recife*; 405p.



Gonjian, Barkev (fl. 1973); Argentinian; pres of Círculo de Coleccionistas de Cactus y Crasas de la República Argentina for about 10 yrs; collected in Argentina;

species nah:

(Pterocactus) **gonjianii** (Argentina) (desc & nah by R Kiesling 1982 & disc by R Kiesling 1971);

disc species:

(Rebutia) **gonjianii** (Jujuy) 1973 (desc & nah by R Kiesling 1973) —> **Rebutia einsteinii** ssp **gonjianii** by ML Hjertson 2003.

Gonzalez, Faustino Miranda — See **Miranda**, Faustino.

Gonzalez, Rodrigo (fl. 1992); {Rodr. Gonzalez};

desc species:

(Mamm) **sanchez-mejoradae** (Nuevo Leon) 1992 (disc by him 1986 & na H Sanchez-Mejorada).

Gonzalez Duran, [González Durán,] Adriana;

Book [2001] *El Género Opuntia en Jalisco – Guía de Campo* [w ME Riojas Lopez & HJ Arreola Nava] Guadalajara, Jalisco; Spanish; 135p w 33 color photos.

Gonzalez G Homero, R; Japan;

Book [2001] *The Cactus — Native Place in Andes* [w K Kawakami & K Suguri]; Japanese/Eng; 112p w 239 color photos.

Gonzalez-Martin, Manuel (fl. 1995); {Gonz.-Mart.};

desc species:

(Dracaena) **tamaranae** [w RA Marrero & RS Almeida] (Gran Canaria in Canary Islands) 1998.

Gonzalez Medrano, [González Medrano,] Francisco (13 Jan 1939–12 Jan 2017); {Medrano}; Mex botanist;

disc species:

(Echinocereus parkeri var) **gonzalezii** (Nuevo Leon, San Luis Potosi, Tamaulipas) (desc & nah by NP Taylor 1988) —> **Echinocereus parkeri** ssp **gonzalezii** by NP Taylor 1997.

†**Gonzalez Ortega**, [González Ortega,] Jesús (1876–1936); {J.G.Ortega}; Mex botanist & agronomist;

desc species:

(Echinocereus) **ochoterenae** (Sinaloa) 1928 (disc by him 1927 & na I Ochoterena) —> **Echinocereus subinermis** ssp **ochoterenae** by NP Taylor 1997,
(Echinocereus) **ortegae** (Durango) 1929 (disc by him c1924 & na himself),
(Ferocactus) **herrerae** (Sinaloa, Sonora, Durango) 1927 (na AL Herrera),
(Lemaireocereus) **martinezii** (Sinaloa) 1928 (na M Martinez) —> **Stenocereus martinezii** by F Buxbaum 1961,
(Lemaireocereus) **quevedonis** (Sinaloa) 1928 (na MA de Quevedo) —> **Stenocereus quevedonis** by F Buxbaum 1961,
(Lemaireocereus) **standleyi** (Guerrero to Sinaloa) 1929 (na PC Standley) —> **Stenocereus standleyi** by F Buxbaum 1961,
(Peniocereus) **rosei** (Sinaloa, Jalisco) 1926 (disc by him & na JN Rose),
(Pereskopsis) **blakeana** (Durango, Sinaloa, Michoacan) 1929 (naSF Blake).

Gonzalez-Zorzano, Omar; Mexico;

desc species:

(Echeveria) **juliana** [w J Reyes Santiago & M Kristen] (Sinaloa) 2012 (disc by J Etter & M Kristen 2010 & na Julia Etter),
(Sedum) **brachetii** [w M de LA Isla & J Reyes-Santiago] (Guerrero) 2012 (disc by J Reyes, C Brachet & M de LA Isla 2011 & na C Brachet),
(Sedum) **kristenii** [w J Etter & J Reyes-Santiago] (Durango) 2012 (disc by M Kristen & nah),
(Sedum) **salazarii** [w J Reyes-Santiago] (Guerrero) 2011 (disc by GA Salazar, C Granados & D Burguete 2006 & na GA Salazar).

Gooch, [later (Mrs) Webb] — See **Webb**, (Mrs).

†**Good**, (Mr) EA;

species nah:

(Cephalophyllum) **goodii** (Namaq) (desc & nah by HML Bolus 1929).

†**Good**, (Mrs) R (fl. 1928);

species nah:

(Ruschia) **goodiae** (Northern Cape) (desc & nah by HML Bolus 1929).

†**Goodding**, Leslie Newton (31 Mar 1880–16 Nov 1967); {Goodd.}; US botanist, conservationist & natural historian; studied at Univ of Montana; botanist at USDA in Arizona;

species nah:

(Talinum) **gooddingii** (Arizona) (desc & nah by P Wilson 1932).

Goodin, CR;

Book [1983] *The Statistical Analysis of Growth in Two Dimensions (Graptopetalum paraguayense)*; 182p.

Goodrich, Sherel (1943–); {Goodrich}; US ecologist, botanist & photographer; MS in plant taxonomy; USDA Forest Service ecologist at least 31 yrs;

desc species:

(Pediocactus) **despainii** [w SL Welsh] (Utah) 1980 (disc by K Despain 1978 & nah) —> **Pediocactus bradyi** ssp **despainii** by F Hochstatter 1995.



† **Goodspeed**, (Dr) Thomas Harper (17 May 1887–17 May 1966); {Goodspeed.}; US botanist; PhD at Univ of Calif, Berkeley 1912; assistant to prof of botany at Univ of Calif, Berkeley 1909–57, & curator 1926–34 & dir 1934–57 of bot garden; leader of expedition to Andes of S Amer (w J West, spouse Florence & others) 1935–36 (first of six expeditions by Univ of Calif 1935–58); interested in morphology, taxonomy of interspecific hybrids, cytogenetics & phytogeography of Chile; specialist in *Nicotiana*; honorary doctorate from La Plata Univ, Argentina 1939 & at Brown Univ, Providence, Rhode Island 1940; spouse Florence Goodspeed, artist;

Book [1941] *Plant Hunters in the Andes* Berkeley, Calif; Eng; 429p w 79p half-tone plates; (of first two expeditions to S Amer by Univ of Calif);

species nah:

(Peperomia cymbifolia var) **goodspeedii** (Cajamarca) (desc & nah by G Pino & N Cieza 2005 & disc by PC Hutchison 1964).

Gopalan, (Dr) R (1947–); {Gopalan}; Indian scientist; PhD at Bharathiar Univ, Coimbatore, India; worked on Bot Survey of India at Tamilnadu Agricultural Univ Campus, Coimbatore 1973~;

desc species:

(Euphorbia) **susan-holmesiae** [w M Binojkumar] (India, Sri Lanka) 1993 (na Susan [Carter] Holmes).

Gordillo, Martha Martínez (fl. 1990–99); {Gordillo}; Mex;

desc species:

(Jatropha) **stephanii** [w JJ Ramirez] (Michoacan) 1991 (disc by Stephan Martinez c1991 & nah).



† **Gordon**, (Col) Robert Jacob (29 Sep 1743–25 Oct 1795); Dutch soldier, traveler, naturalist, artist & linguist; met SF Masson & CP Thunberg at Cape 1772–73 where they explored in Cape region; explored along Orange River in RSA for Dutch East India Company 1777–79 in first & last of 4 trips w W Paterson; collected & drew succ Stapeliaceae; spouse Susanna [née Nicolet] Gordon;

disc species:

(Stapelia) **gordonii** (Namibia, Northern Cape) 1779 (desc & nah by F Masson 1797) —> **Hoodia gordonii** by J Decaisne 1844.

Gorske, Stan F;

Book [1978] *Studies in the Biology, Taxonomy & Herbicidal Effects on Portulaca oleracea* L Urbana, Illinois; Eng; 91p.



† **Gossard**, [née Hine] Gloria (1 Dec 1926–11 Sep 2010); US freelance writer for over 25 yrs; **Book** [1992] *The Joshua Tree (A Controversial Contradictory Desert Centenarian)* Tehachapi; 112p.

Gosselin, R Roland- — See **Roland-Gosselin**, R.



† **Gossweiler**, John [Hans, João] (26 Dec 1873–19 Feb 1952); {Gossweiler.}; Swiss gardener & horticulturist; studied at Royal College of Science, London 1895–97; gardener at Kew 1897–98; dir of garden of acclimatization, Luanda, Angola 1899 into early 1920s; worked in private gardens 1920s & in government service 1926~; plant collector in Angola for Portuguese Government 1900~;

collected in Angola & Congo;

species nah:

(Monadenium) **gossweileri** (Angola) (desc & nah by NE Brown 1911) —> **Euphorbia gossweileri** by LC Leach 1973;

disc species:

(Aloe) **catengiana** 1940 (desc by GW Reynolds 1961 & na Catengue, Angola),
(Aloe) **gossweileri** (Angola) 1930 (desc & nah by GW Reynolds 1962),
(Caralluma) **gossweileri** (Angola) c1910 (desc & nah by SLM Moore 1912),
(Huernia) **volkartii** (Angola, Namibia, Zimbabwe, Mozambique) ≈1935 (desc by E Werdermann & A Peitscher 1936 & na G Volkart).

†**Gottheim**, Walter;

Book [1932] *Kakteen im Heim—Anleitung zur Kakteenpflege für Zimmerkultur* Berlin, Ger; Ger; 32p.

Gottlebe, Günter [Guenter]; Ger; to Toamasina, Mada; collected in Mada;

disc species:

(Euphorbia) **gottlebei** (Mada) 1990 (desc & nah by WHH Rauh 1992).

Gottlieb, Adam;

Book [1977] *Peyote & Other Psychoactive Cacti* Manhattan Beach, Los Angeles, Calif; 94p.

Gottschalk, Heinrich; Ger; pres of East Ger Cactus Soc;

Book 1981] *Kleiner Ratgeber für die Kakteenpflege im Heim* Rostock; 48p; (editor of).

Gottwald, D;

Book [1989] *Kakteen* Rastatt, Ger; Ger; 78p.

†**Gottwald**, Václav;

Book [1906] *Pěstění Růží, Kaktusů a Rostlin Tučnolistých* Prague, Czech Rep; Czech; 78p,

[1909] *Kaktusy a Rostliny Tucnoliste* Prague; 27p.

Gotz, [Götz, Goetz] Alfred; Swiss;

Book [1990] *Die Schweizerische Kakteengesellschaft von 1930–90* = "The Swiss Kakteengesellschaft of 1930–90" Luzern, Switzerland; 35p.

Gotz, [Götz, Goetz,] (Dr) Erich (1940–); {Gotz}; Ger botanist; lecturer at Bot Institute of Univ of Hohenheim & curator of its living plants collection;

Book [1986] *The Enc of Cacti* [w W Cullmann & G Groner] Dorset, Eng; Eng; 340p w 406 color photos; (Eng version of the 1984 'Kakteen' book); E Gotz contributed sections on cactus systematics & info on genera & species of cacti,

[1990] *Schöne Kakteen** Stuttgart, Ger; Ger; 96p w color photos,

[1992] *Beautiful Cacti** NYC; Eng; 96p,

[1996] *Kakteen** Stuttgart; 340p w 460 color photos.

*[w G Groner]

Gotz, [Götz,] Frank; Ger horticulturist; owner of garden shop for succ growers at Bischweier, Ger; specialist in hybrid Echinopsis; spouse V Gotz;

Book [1999] *Wunderwelt Echinopsis-hybriden* = "Wonderful World of Echinopsis Hybrids" [w V Gotz] Bischweier, Ger; Ger/Eng; 90p + 17 plates w 287 color photos.

Gotz, [Götz,] Viola; spouse F Gotz;

Book [1999] *Wunderwelt Echinopsis-hybriden* = "Wonderful World of Echinopsis Hybrids" [w F Gotz] Bischweier, Ger; Ger/Eng; 90p + 17 plates w 287 color photos.



† **Gouan**, (Dr med) Antoine (15 Nov 1733–1 Sep 1821); {Gouan}; French physician, botanist & naturalist; MD at Univ of Montpellier, France 1752, & dir of bot garden & prof of botany & medicine; first to adopt binomial nomenclature of C Linnaeus in France;

desc species:

(Atropa) **humifusa** (Peru) 1762 → **Nolana humifusa** by IM Johnston 1936.

† **Goudot**, [Gudo,] Jules Prosper [Bibikely] (12 Dec 1803–1861); French naturalist & entomologist; collected in Mada 1829–30 & 1831–33 & in Mozambique, Comoro Islands & Mada 1834 for Paris Museum; to Mada 1834~; nicknamed 'Bibikely' meaning 'insect' in Malagasy language due to his intense interest in bugs; spouse Augustine [née Jolicoeur] Goudot (–31 Jul 1845);

species nah:

(Tetradenia) **goudotii** (Mada) (desc & nah by JI Briquet 1884).

† **Gounelle**, Pierre-Emile (9 Jun 1850–2 Oct 1914); French entomologist & naturalist; collected on several trips to Brazil in States of Bahia, Minas Gerais, Pará, Pernambuco, Rio de Janeiro, São Paulo & Santa Catarina from 1884–90 for Museum Natl d'Histoire Naturelle;

disc species:

(Pilocereus) **gounellei** (Brazil) (desc & nah by FAC Weber 1897) → **Pilosocereus gounellei** by RS Byles & GD Rowley 1957.

Gourlay, Edward [Ted] S; New Zealand horticulturist & book collector;

Book [1960] *A Reference to C&OS Plant Literature (Library Catalogue)* Nelson, New Zealand; Eng; 52p.

Govaerts, Rafaël Herman Anna (1968–); {Govaerts}; Belgian botanist; business master degree at Ehsal Univ College, Brussels, Belgium 1994; worked at Natl Bot Garden, Meise, Belgium; botanist at Kew 1994~;

Book [2000] *World Checklist & Bibliography of Euphorbiaceae (& Pandaceae)* [w A Radcliffe-Smith & DG Frodin] Kew, Eng; Eng; (in 4 Vols, each w 8 color plates);

Vol 1, 415p Vol 2, 505p Vol 3, 311p Vol 4, 390p.

Goyder, (Dr) David John (1959–); {Goyder}; British botanist; PhD in botany at Reading Univ 1985; botanist at Kew 1988~; specializes on African dryland plants, especially Asclepiadaceae; explored in Bolivia;

desc genus:

Aspidonepsis [w A Nicholas] (se RSA) 1992;

desc species:

(Aspidonepsis) **shebae** [w A Nicholas] (Mpumalanga) 1992,

(Brachystelma) **kituloensis** (Tanzania) 1990,

(Brachystelma) **swarupa** [w K Kishore Kumar] (India) 2001 (na K Swarupanandan),

(Glossostelma) **brevilobum** (Malawi, Ziare, Burundi, Tanzania) 1995,

(Glossostelma) **mbisiense** (Tanzania) 1995,

°(*Glossostelma*) **nyikense** (Malawi, Zambia) 1995,
(*Glossostelma*) **rusapense** (Zimbabwe) 1995,
(*Marsdenia*) **megalantha** [w GN Morillo] (Bahia) 1994,
(*Stathmostelma*) **diversifolium** (Ethiopia, Tanzania, Kenya) 1998;

Transfer species:

"*Asclepias bagshawei*" (SLM Moore 1908) → ***Stathmostelma welwitschii* var *bagshawei*** 1998,
"Asclepias cabrae" (EAJ de Wildeman 1904) → ***Glossostelma cabrae*** 1995,
"Asclepias cognata" (NE Brown 1908) → ***Aspidonepsis cognata*** [w A Nicholas] 1992,
"Asclepias erecta" (EAJ de Wildeman 1904) → ***Glossostelma erectum*** 1995,
"Asclepias flava" (NE Brown 1908) → ***Aspidonepsis flava*** [w A Nicholas] 1992,
"Asclepias katangensis" (EAJ de Wildman 1904) → ***Stathmostelma katangense*** 1998,
"Asclepias reenensis" (NE Brown 1908) → ***Aspidonepsis reenensis*** [w A Nicholas] 1993,
"Asclepias vomeriformis" (SLM Moore 1908) → ***Stathmostelma angustatum* ssp *vomeriforme*** 1998,
"Cynanchum lenewtonii" (SL Liede 1994) → ***Cynanchum gerrardii* ssp *lenewtonii*** 2009,
"Gomphocarpus diploglossus" (NE Brown 1848) → ***Aspidonepsis diploglossa*** [w A Nicholas] 1992,
"Sarcostemma mulanjense" (SL Liede & U Meve 1992) → ***Cynanchum viminale* ssp *mulanjense*** 2009,
"Sarcostemma odontolepis" (IB Balfour 1877) → ***Cynanchum viminale* ssp *odontolepis*** 2009,
"Sarcostemma oresbium" (PV Bruyns 2003) → ***Cynanchum oresbium*** 2009,
"Sarcostemma resiliens" (BR Adams & RWK Holland 1978) → ***Cynanchum resiliens*** 2009,
"Sarcostemma stolonifera" (BR Adams & RWK Holland 1978) → ***Cynanchum stoloniferum*** 2009,
"Sarcostemma vanlessenii" (JJ Lavranos 1974) → ***Cynanchum vanlessenii*** 2009,
"Stathmostelma frommii" (FRR Schlechter 1913) → ***Stathmostelma spectabile* ssp *frommii*** 1998,
"Xysmalobium ceciliae" (NE Brown 1902) → ***Glossostelma ceciliae*** 1995;

desc subsp:

(*Stathmostelma fornicatum* ssp) ***tridentatum*** (Tanzania) 1998;

transfer subsp:

"*Sarcostemma viminale* ssp *suberosum*" (U Meve & SL Liede 1996) → ***Cynanchum viminale* ssp *suberosum*** 2009.

Graaf, A de (fl. 1986); {A.de Graaf};

Book [1974] *Handleiding Voor het Verzorgen en Kweken van Cactussen en Andere Succulenten* [w FKA Noltee]
Amsterdam, Netherlands; Dutch; 52p,

[1975] *Cactussen en Vetplanten* [w A de Graaf] Amsterdam; Dutch; 84p,

[1983] *Wat Betekent die Naam (Een Alfabetische Lijst van Botanische Namen van Succulente en Aanverwante Planten met hun Verklaring)* Roosendaal; 164p.



Grace, Olwen M;

Book [2011] *The Aloe Names Book (Strelitzia 28 edition)* [w E Figueiredo, RR Klopper, GF Smith] Pretoria, RSA; Eng; 232p w 313 color plates.

†**Graebener**, Leopold (24 May 1849–1937); {Graebener}; Ger horticulturist; hybridized *Yucca*;

Book [1925] *Kakteenzucht* Berlin, Ger; Ger; 51p.



†**Graessner**, [Grässner,] Richard (1875–1942); Ger nurseryman in Perleberg; explored & collected in Mex;

species nah:

(Conophytum) **ricardianum** (Namibia) (desc & nah by A Loesch & A Tischer 1931;

disc species:

(Echinocactus) **graessneri** (Rio Grande do Sul) 1903 (desc & nah by KM Schumann 1903) —> **Parodia haselbergii** ssp **graessneri** by A Hofacker & PJ Braun 1998.



†**Graf**, (Dr hc) **Alfred** Byrd (23 Nov 1901–14 Dec 2001); {A.B.Graf}; Ger to US 1925; horticulturist, botanist, photographer; employed at *Julius Roehrs Company* nursery in New Jersey c1930~; explored in world's tropical & subtropical countries for over 50 yrs; honorary DS degree from Farleigh Dickinson Univ, New Jersey c1975; a centenarian; spouse

Lieselotte [née Vorwerk] Graf;

Book [1957] *Exotica* East Rutherford, New Jersey; Eng; 645p w 4,000 black&white photos;

(9 editions; rev 1976; 1,837p),

[1978] *Tropica* East Rutherford; Eng; 1,120p; (rev 4th edition 1992; 1,152p w c7,000 color photos),

[1992] *Hortica* East Rutherford; Eng; 1,218p cyclopedia of text & color photos; [512p c&s photos].

Graf, Penelope A; US; MS at Univ of Arizona, Tucson 1965;

Book [1965] *The Relationship of Drosophila nigrospiracula & Erwinia carnegieana to the Bacterial Necrosis of Carnegiea gigantea* Tucso, Arizona; Eng; 74p; (MS thesis).

Graham, David; US; involved w grafting Epiphyllum & related cacti;

Book [1994] *Grafting Epiphyllum & Related Cacti*; Eng; 20p; w color photos.



†**Graham**, (Col) James Duncan (4 Apr 1799–28 Dec 1865); US topographical engineer with US Army; graduate of US Military Academy 1817; worked on boundary lines in various part of the US, including boundary between Mex & US; first spouse Charlotte Hustler [née Meade] Graham; second spouse Frances [née Wickham] Graham;

desc species:

(Mamm) **grahamii** (Texas, Arizona, New Mex) (desc & nah by GT Engelmann 1856 & disc by C Wright 1852),

(Opuntia) **grahamii** (Texas, New Mex, Chihuahua, Coahuila, Durango, Zacatecas) (desc & nah by G Engelmann 1856) —> **Corynopuntia grahamii** by FM Knuth 1936.

Graham, MD;

species nah:

(Cyphostemma) **grahamii** (Kenya) (desc & nah by B Verdcourt 1993).

†**Graham**, RM;

disc species:

(Monadenium) **trinerve** (Kenya) 1932 (desc by PRO Bally 1959),

(Sansevieria) **dumetescens** (Kenya) 1929 (desc by NE Newton 2009).



†**Graham**, (Prof) (Dr med) Robert (3 Dec 1786–7 Aug 1845); {Graham}; Scottish physician & botanist; MD at Edinburgh Univ 1808; prof of medicine & botany at Edinburgh Univ 1820~; FLS 1821; pres of bot soc of Edinburgh 1836;

genus nah:

Grahamia (s US, Mex, Argentina, Australia) (desc & nah by WJ Hooker 1833).

Graham, Victor; British succ plant nurseryman; owner of Barleyfield Succ Plant Nursery, Southburgh, UK;

Book [1981] *Succ Plant Growing: The 'new' hobby* Southburgh, Eng,
[1984] *Succ Plant Growing - An Intro* Southburgh; Eng; 47p,
[1987] *Growing Succ Plants, including Cacti* Portland, Oregon; Eng; 200p w 8 color photos.

Granados, C; Mex;

disc species:

(Sedum) **salazarii** [w GA Salazar & D Burguete] (Guerrero) 2006 (desc by J Reyes-Santiago & O Gonzalez-Zorzano 2011 & na GA Salazar).

Granados-Sanchez, Diodoro;

Book [1991] *El Nopal* [w AD Castaneda-Perez] Mex City; Spanish; 227p w 37 color photos,
[1993] *Los Agaves en Mex* Chapingo; 252p w 40 color photos.

† **Grande**, Loreto (20 Apr 1878–5 Jul 1965); {Grande}; Italian botanist & naturalist; worked at Bot Garden of Naples, Italy 1903–1942;

desc species:

(Sedum) **franchetii** (nw Yunnan) 1914 (na AR Franchet).



† **Grandidier**, (Col) Alfred (20 Dec 1836–13 Sep 1921); {Grandid.}; wealthy French naturalist, geographer, ethnologist, ornithologist & traveler; in voyage around world w brother Ernest Grandidier (1833–1912), explored in Peru, Chile, Bolivia, Argentina & Brazil 1858–59, Zanzibar & Reunion 1863–64 & Mada 1865, 1866 & 1868; back to France 1870~; pres of

French Geological Soc 1901–05; his *Histoire Physique, Naturelle et Politique de Mada* had 39 Vols 1875–1954 w final Vols pub after his death by son Guillaume Grandidier (1873–1957); interested in natural history of Mada; spouse Jeanne Louise Marie [née Vergé] Grandidier;

genus nah:

Didierea (Mada) (desc & nah by HE Baillon 1880);

species nah:

(Adansonia) **grandidieri** (Mada) (desc & nah by HE Baillon 1893),

(Cynanchum) **grandidieri** (Mada) (desc & nah by SL Liede & U Meve 2001),

(Harpagophytum) **grandidieri** (Mada) (desc & nah by HE Baillon 1887) —> **Uncarina grandidieri** by H-D Ihlenfeldt & H Straka 1962,

(Kalanchoe) **grandidieri** (Mada) (desc & nah by HE Baillon 1888).

Grandjean, Benoît; French horticulturist;

Book [1999] *Le Connaissance du Cactus et autres Succulentes* = "The Knowledge of Cactus & Other Succ" Aix-en-Provence; 254p w 125 color photos.

† **Grandy**, Abraham Osman; friend of Raymond-Hamet;

species nah:

(Sedum) **grandyi** (Amazonas A) (desc & nah by Raymond-Hamet 1913).



† **Grant**, (née Lewis,) (Prof) (Dr) Adèle Gerard (3 Jul 1881–19 Jun 1969); {A.L.Grant}; US botanist; PhD at Washington Univ, St Louis, Missouri 1923; botany instructor at Cornell Univ

1920–26; lecturer at Huguenot College, Wellington, S Africa 1926–30; assistant prof at Washington Univ 1930–31; lecturer at Univ of S Calif 1931–52; collected in sw Cape, Eastern Cape 1925–30 & in Rhodesia, Mozambique, Zaire & Kenya 1930; spouse George F Grant;

species nah:

(Delosperma) **grantiae** (Cape) (desc & nah by HML Bolus 1929).



† **Grant**, (Major) Chapman (27 Mar 1887–5 Jan 1983); US military officer, herpetologist, historian & publisher; grandson of US 18th President Ulysses Simpson Grant (1822–1885); graduate of Williams College 1910; joined US military 1913–c1940; curator at Arkansas Valley Museum & Historical Soc 1930s; collected in West Indies 1930s & 1950s for San Diego & Univ of Illinois Museums of Natural History; spouse Mabel Lillian [née Pennebacker] Grant;

species nah

(Leptocereus) **grantianus** (Puerto Rico Culebra Island of West Indies) 1932 (desc & nah by NL Britton 1933).



† **Grant**, (Col) James Augustus (11 Apr 1827–10 Feb 1892); {Grant}; Scottish soldier; explored eastern equatorial Africa w John Hanning Speke (1827–1864) to source of Nile River 1860–63;

disc species:

(Synadenium) **grantii** (Uganda, Kenya) 1862 (desc & nah JD Hooker 1867).



† **Grantham**, Keith H (1930–6 May 2001); British horticulturist; interested in succ 1958~; show judge; interested in Euphorbiaceae; NCSS Fellow 1975; joined IOS in 1973; spouse Janet Grantham;

Book [1999] *The Plantfinder's Guide to C&OS* [w P Klaassen] Portland, Oregon; Eng; 192p w 230 color photos.

Granvik, (Dr) Sven **Hugo**; (9 Jan 1889–1965); Swedish ornithologist, botanist & zoologist; PhD in 1927; led expeditions to Kenya, Uganda & Tanganyika 1928–31;

species nah:

(Crassula) **granvikii** (Uganda, Kenya, Tanzania) (desc & nah by GWJ Mildbraed 1922).

Grassner, [Grassner,] R — see **Graessner**, R.

Gratias, Jan [Jean] 13 Apr 1949–); Czech horticulturist;

Book [1994] *Plantes du Desert* [w R Subik & S Krhovska] Paris, France; 128p,

[1994] *Miniaturní pouste* = "Miniature Deserts" [w J Gratias & S Krhovska] Prague;

128p w 135 color photos,

[1995] *Kakteen und Sukkulente* [w R Subik & S Krhovska] Erlangen; 128p,

[1997] *Kaktusy i Drugie Sukkulenty* [w J Gratias & S Krhovska] Moscow, Russia;

128p w 131 color photos,

[1997] *Sukulenty pro Kazdeho* = "Succ for Everyone" [w R Subik] Prague, Czech Rep;

152p w 270 color photos,

[1999] *Sukulenty jako Bonsaje* = "Succ as Bonsai" [w R Subik] Prague; 184p w 150 color photos.



† **Graustein**, (Dr) Jeannette Elizabeth (16 Oct 1892–Jun 1982); US biologist, plant morphologist & bot historian; PhD at Radcliffe College, Cambridge, Massachusetts 1927; prof of biology at Women's College, Univ of Delaware, Newark 1930–53;

Book [1967] *Thomas Nuttall, Naturalist: Explorations in Amer, 1808–41* Cambridge, Massachusetts; Eng; 481p



†**Gravely**, (Dr) Frederic Henry (7 Dec 1885–1965); {Gravely}; British arachnologist, entomologist, botanist, zoologist & archaeologist; to India 1910; worked at Indian Museum, Calcutta & superintendent of Madras Government Museum 1920–40; spouse Laura [née Batling] Gravely;

Book [1931] *The Indian Species of the Genus Caralluma (Family Asclepiadaceae)* [w

PV Mayuranathan]; Eng; 28p; (bulletin of Madras Government Museum, Vol IV, Pt. 1);

desc species:

(*Caralluma*) **procumbens** [w P Mayuranthan] (India) 1931 (disc by P Mayuranthan c1930);

transfer species:

“*Boucerosia truncato-coronata*” (LJ Sedgwick 1921) → [w PV Mayuranathan] **Caralluma**

truncato-coronata 1931;

“*Caralluma attenuata*” (R Wight 1848) → [w PV Mayuranathan] **Caralluma adscendens** var **attenuata**

1931,

“*Caralluma fimbriata*” (N Wallich 1830) → **Caralluma adscendens** var **fimbriata** [w PV Mayuranathan]

1931;

desc variety:

(*Caralluma adscendens* var) **carinata** [w PV Mayuranathan] (India) 1931,

(*Caralluma adscendens* var) **geniculata** [w PV Mayuranthan] (India) 1931,

(*Caralluma adscendens* var) **gracilis** [w PV Mayuranthan] (India) 1931.

†**Gravis**, Jean-Joseph **Auguste** (29 Aug 1857–2 Jan 1937); {Gravis}; Belgian botanist & physiologist; prof of botany at Univ of Liège;

Book [1935] *Observations Anatomiques et Éthologiques sur les Cactacées et les Lemnacées* Bruxelles, Belgium; French; 72p.



†**Gray**, (Prof) (Dr med) Asa (18 Nov 1810–30 Jan 1888); {A.Gray}; US physician, systematic botanist, plant geographer & taxonomist; MD at Harvard Univ, Cambridge, Massachusetts; founded herbarium at Harvard Univ 1842 & nah; established a scientific system of taxonomy for plants;

explored western US w John Torrey; FRS 1873; honorary LLD from Cambridge Univ, Oxford Univ & Edinburgh Univ 1887; spouse Jane [née Loring] Gray;

[1876] Vol 1; 628p; (cacti section by GT Engelmann);

[1880] Vol 2; 559p,

[1887] *The Botanical Works of the late George Engelmann, Collected for Henry Shaw, Esq.* [w W Trelease] Cambridge, Massachusetts; Eng; over 600p; (editors of);

desc genera:

Brighamia (Hawaii Islands) 1867 (na WT Brigham),

Talinopsis (Mex, Texas, New Mex) 1852;

desc species:

(*Apodanthera*) **undulata** (Arizona, Texas, Mex) 1853,

(*Brighamia*) **insignis** (Hawaii Islands) 1867 (disc by JE Remy c1853),

(*Bursera*) **microphylla** (Arizona, Calif, Sonora, Baja Calif) 1861,

(*Calandrinia*) **columbiana** (British Columbia, Washington, Oregon) 1887 (disc by D Lyall 1860)

→ **Lewisia columbiana** by BL Robinson 1897,

(*Calandrinia*) **maritima** [w J Torrey] (Calif, Baja Calif) 1838 → **Cistanthe maritima** by MA Hershkovitz 1990,

(*Calandrinia*) **nevadensis** (Nevada, New Mex, Colorado, Utah) 1873 → **Lewisia nevadensis** by BL Robinson 1897,

(Calandrinia) **pickeringii** (New S Wales, Queensland) 1854 (na C Pickering) —> **Parakeelya pickeringii** by MA HersHKovitz 1999,
 (Calandrinia) **tweedyi** (Washington, British Columbia) 1887 (na F Tweedy) —> **Cistanthe tweedyi** by MA HersHKovitz 1990,
 (Calyptridium) **parryi** (Calif) 1887 (na CC Parry) —> **Cistanthe parryi** by MA HersHKovitz 1990,
 (Cereus) **californicus** [w J Torrey] (Baja Calif, Sonora, Calif) 1840 —> **Cylindropuntia californica** by FM Knuth 1936,
 (Cucurbita) **digitata** (US, Mex) 1853,
 (Echeveria) **paniculata** (Durango, Chihuahua, Zacatecas) 1850,
 (Echinocactus) **viridescens** [w J Torrey] (Calif, Baja Calif) 1840 (disc by T Nuttall 1835)
 —> **Ferocactus viridescens** by NL Britton & JN Rose 1922,
 (Lewisia) **brachycalyx** (Calif, Arizona) 1868,
 (Myrmecodia) **imberbis** (Fiji Islands) 1858 —> **Squamellaria imberbis** by O Beccari 1886,
 (Sedum) **nevii** (Alabama, Tennessee) 1858 (disc by RD Nevius 1857 & nah),
 (Sedum) **obtusatum** (Calif) 1868,
 (Sedum) **rhodanthum** (s & central US Rocky Mtns) 1862 —> **Rhodiola rhodantha** by HJH Jacobsen 1973,
 (Sedum) **wrightii** (Texas, New Mex) 1852 (na C Wright),
 (Talinopsis) **frutescens** (New Mex to Texas to San Luis Potosi) 1852 —> **Grahamia frutescens** by GD Rowley 1994,
 (Talinum) **pygmaeum** (western US from Alaska, British Columbia, Washington to Calif, New Mex to Montana) 1862 —> **Lewisia pygmaea** by BL Robinson 1897,
 (Tillaea) **drummondii** [w J Torrey] (Texas, Colorado, Arizona, Paraguay, Argentina, Chile) 1840 (disc by T Drummond c1834 & nah)
 —> **Crassula drummondii** by FKG Fedde 1904;
transfer species:
 “Elaphrium microphyllum” (JN Rose) —> **Bursera microphylla**;
desc variety:
 (Sicydium lindheimeri var) **tenuisectum** (Arizona, New Mex, Texas, Chihuahua, Coahuila) 1852
 —> **Ibervillea tenuisecta** by JK Small 1903.

† **Greathead**, (Dr med) John Baldwin Smithson (12 Feb 1854–26 Oct 1910);
 RSA physician & surgeon; MD at Edinburgh Univ, Scotland 1879; collected on expedition w
 S Schonland to Kalahari Desert c1903; first spouse Esther Louisa [née Merriman] Greathead (1858–1892),
 second spouse Ellen Annie [née Bubb] Greathead;
disc species:
 (Aloe) **greatheadii** [w S Schonland] (Limpopo, Malawi, Mozambique, Zaire, Botswana, Zimbabwe) 1903
 (desc & nah by S Schonland 1904).

† **Green**, ?; attended Stanford Univ in Calif;
disc species:
 (Talinum) **guadalupense** [w WWThoburn & ? Wing] (Guadelupe Island) 1897 (desc by WR Dudley 1899).

† **Green**, CG? or GH? (fl. 1880);
species nah:
 (Aloe) **greenii** (Natal) (desc & nah by JG Baker 1880),
 (Haworthia) **greenii** (Eastern Cape) (desc & nah by JG Baker 1880) —> **Haworthia coarctata** fa **greenii**
 by MB Bayer 1999.

Green, Cheryl W; US artist & photographer;

Book [2011] *Pricklypears Commonly Found in the United States & Northern Mexico* [w DJ Ferguson]; Eng; 144p w 420 color photos.

Green, G Gilbert; British commercial grower of succ plants; owner of Normandale Nurseries, Sheffield, UK;

Book [1953] C&S London, Eng; Eng; 238p w 17 color plates; (rev 1955; 240p),
[1957] *Cacti for Everyone, with Other Succ* London; Eng; 108p.

Green, Jen; writer of children's books;

Book [1999] *A Saguaro Cactus (Small Worlds)* New York; Eng; 32p; (juvenile book).

Green, John W; US in El Paso, Texas; botanist & horticulturist; employed at US Customs Service as a plant inspector at El Paso border w Mex;

Book [1971] *The Utilization of Cacti by the Original Americans* El Paso, Texas; Eng; 14p.



Green, Theodore [**Ted**] (1921–); {T.Green}; US landscape architect in Kaaawa, Hawaii over 40 yrs; manager of *Green: Plant Research* company & nursery specializing in Hoyas, Dischidias & Orchids; past pres of Hawaiian Bot Soc & of Hawaii chapter of Amer Soc of Landscape Architects & member of Amer Orchid Soc; collected in Honduras, Tahiti, Samoa, Fiji, New Caledonia, Vanuatu, Solomon, Papua New Guinea, Australia, Malaysia, Thailand, Philippines & other tropical areas of the world; spouse Dorothy Green;

desc species:

(Hoya) **meredithii** (Malaysia) 1988 (disc by Y Meredith & nah).

†**Greenberg**, (Prof) Isidore (1908–); US pharmacist, medical & economic botanist; prof at Long Island Univ, NY; interested in Hoya & Dischidia; collected in Honduras, various Pacific islands, Australia, Indonesia, Philippines, Malaysia & Thailand;

species nah:

(Caralluma foulcheri-delboscii var) **greenbergiana** (Arabia) (desc & nah by JJ Lavranos 1967 & disc by JJ Lavranos & WHH Rauh 1964).



†**Greene**, (Prof) (Dr hc) Edward Lee (20 Aug 1843–10 Nov 1915); {Greene}; US clergyman, botanist & taxonomist; ordained clergyman 1873–85; first prof of botany at Univ of Calif, Berkeley 1885–95 & founded bot garden 1890; honorary LLD at

Univ of Notre Dame, Indiana 1895; prof of botany at Catholic Univ of Amer, Washington DC 1895–1904; botanist at Smithsonian Institute, Washington DC 1904~; collected in Colorado, New Mex & Calif;

desc genus:

Ibervillea (Mex, Central Amer, US) 1895;

disc species:

(Dudleya) **candelabrum** (Calif islands Santa Cruz & Santa Rosa) 1886 (desc by JN Rose 1903),

(Dudleya) **greenei** (Calif islands San Miguel, Santa Rosa & Santa Cruz) (desc & nah by JN Rose 1903);

desc species:

(Agave) **sebastiana** (Benito, Cedros & Natividad Islands off Baja Calif) 1885,

(Calyptidium) **monospermum** (Calif, Baja Calif, Oregon, Nevada) 1895 → **Cistanthe monosperma** by MA Hershkovitz 1990,

1903, (Cotyledon) **linearis** (San Benito Island off Baja Calif) 1889 —> **Dudleya linearis** by NL Britton & JN Rose
 1924, (Cotyledon) **rusbyi** (Arizona) 1883 (disc by HH Rusby 1881 & nah) —> **Graptopetalum rusbyi** by JN Rose
 (Echinocystis) **macrocarpa** (Calif, Baja Calif) 1885 —> **Marah macrocarpa** by EL Greene 1910,
 (Mamm) **pondii** (Cedros Island off Baja Calif) 1889 (disc by CF Pond 1889 & nah),
 (Megarrhiza) **gilensis** (Arizona, New Mex) 1881 —> **Marah gilensis** by EL Greene 1910,
 (Sedum) **forreri** (Durango) 1887 (disc by A Forrer & nah);
 (Talinum) **humile** (New Mex) 1881,
 (Talinum) **marginatum** (Arizona, Nayarit) 1912,
 (Talinum) **validulum** (Arizona) 1912;

transfer species:

“Maximowiczia sonora” (S Watson 1889) —> **Ibervillea sonora** 1895.



† **Greenman**, (Dr) Jesse More (27 Dec 1867–20 Jan 1951); {Greenm.}; US botanist & plant taxonomist; PhD under HGA Engler at Univ of Berlin 1901; assistant prof of taxonomy at Univ of Chicago, Illinois 1908–13; botanist & curator at Missouri Bot Garden, St Louis 1913–43; collected in Costa Rica, Mex & US; specialist in Senecio genus; pres of ASPT 1938; spouse

Anne [née Turner] Greenman (1875–1936);

desc species:

(Agave) **potosina** [w BL Robinson] (San Luis Potosi, Zacatecas, Coahuila) 1894,
 (Jatropha) **gaumeri** (Yucatan) 1907 (disc by GF Gaumer 1885 & nah),
 (Pedilanthus) **romentellus** [w BL Robinson] (Oaxaca) 1896,
 (Sedum) **calicicola** [w BL Robinson] (San Luis Potosi) 1895.



† **Greenway**, (Dr hc) Percy [Peter] James (8 Mar 1897–16 Feb 1980); {Greenway}; RSA to Eng 1906; systematic botanist & taxonomist; gardener at Kew 1919–24; assistant to J Burt Davy at Forest Herbarium, Oxford, Eng 1924–28; worked at East African Agricultural Research Station in Amani 1928–50 & dir of Amani Herbarium, ne Tanganyika 1930; botanist at East African Herbarium, Nairobi, Kenya 1950–58; honorary doctorate of science from

Univ of Witwatersrand, RSA 1951; FLS 1928; collected in Zimbabwe, Malawi & Zambia 1938 & in N & S Rhodesia & Nyasaland w JPM Brenan; pres of Kew Guild 1970–71;

disc species:

(Aloe) **kedongensis** (Tanzania) 1946 (desc by GW Reynolds 1953),
 (Euphorbia) **greenwayi** (Tanzania) 1969 (desc & nah by PRO Bally & S Carter 1974),
 (Euphorbia) **tanaensis** (Kenya) 1957 (desc by PRO Bally 1974),
 (Monadenium) **magnificum** (Tanzania) 1930 (desc by EM Bruce 1940),
 (Monadenium) **virgatum** [w ? Rawlins] (Kenya) 1957 (desc by PRO Bally 1961),
 (Portulaca) **greenwayi** (Kenya) 1957 (desc & nah by MG Gilbert 2000).



† **Greenwood**, Edward Warren (9 Feb 1918–24 Feb 2002); {E.W.Greenw.}; Canadian engineering chemist & orchidologist; BSc at Queen's Univ, Kingston, Ontario 1943; in Canadian military service 1943–73; interested in & studied orchids in Mex & Canada; met & worked w TB MacDougall, E Matuda & H Bravo-Hollis in Mex; collected in Mex; spouse Mary Greenwood;

disc species:

(Coryphantha) **greenwoodii** (Veracruz) (desc & nah by H Bravo-Hollis 1970) —> **Coryphantha elephatidens** ssp **greenwoodii** by RF Dicht & AD Luthy 2001;

disc variety:

(*Ferocactus recurvus* var) **greenwoodii** (Oaxaca) 1967 (desc & nah by CE Glass 1968) —> **Ferocactus latispinus** ssp **greenwoodii** by NP Taylor 2005.



† **Gregg**, (Dr med) Howard Countian **Josiah** (19 Jul 1806–25 Feb 1850); US physician, self-taught naturalist & frontier trader; MD at Univ of Louisville, Kentucky 1846; friend of JM Bigelow, GT Engelmann & FA Wislizenus; explored while in army sw US & Mex 1846–48; sent specimens to GT Engelmann;

Book [1844–45] *Commerce of the Prairies (or The Journal of a Santa Fe Trader)* New York; (in 2 Vols);

[1844] Vol 1, 320p;

[1845] Vol 2, 318p;

disc species:

(*Cereus*) **greggii** (Texas, Chihuahua, Zacatecas, Coahuila, Durango, Nuevo Leon, Sonora) c1847 (desc & nah by GT Engelmann 1848) —> **Peniocereus greggii** by NL Britton & JN Rose 1909,

(*Opuntia*) **bulbispina** (Coahuila, Durango, Zacatecas, Nuevo Leon) c1847 (desc by GT Engelmann 1856) —> **Corynopuntia bulbispina** by FM Knuth 1936,

(*Opuntia*) **stenopetala** (Coahuila, Queretaro, Hidalgo, Durango, Guanajuato, Nuevo Leon, San Luis Potosi, Tamaulipas, Zacatecas) 1848 (desc by GT Engelmann 1856),

(*Sedum*) **greggii** (Hidalgo) c1847 (desc & nah by WB Hemsley 1878).



† **Gregorii**, [Gregorius,] Johann Gottfried (17 Feb 1685–4 Aug 1770); Ger geographer;

Book [1712] *Der Curieuse und Gelehrte Historicus* Frankfort; 1,026p; (includes Aloe & Agave).



† **Gregory**, (Sir) Augustus Charles (1 Aug 1819–25 Jun 1905); Australian surveyor; worked at Western Australia Survey Dept 1841–58; surveyor-general of Queensland 1859~; made 3 major expeditions to Western Australia 1846 & Queensland & Northern Territory 1855–56; knighted 1903;

species nah:

(*Adansonia*) **gregorii** (Northern Territory) (desc & nah by FJH von Mueller 1857).



† **Grenville**, (Lord) Wm Wyndham (25 Oct 1759–12 Jan 1834); British politician; graduate of Eton & Christ Church College Oxford 1780; entitled Lord 1790; spouse (Lady) Anne [née Pitt,] Grenville (1773–1864);

species na them:

(*Geranium*) **grenvilleae** (Northern Cape) (desc & na them by HC Andrews 1811) —> **Pelargonium grenvilleae** by WH Harvey 1860.

Greuter, (Prof) (Dr) Werner Rudolfo (27 Feb 1938–); {Greuter}; Ger botanist; PhD at Univ of Zurich 1972; prof of biology at Free Univ of Berlin & first dir & taxonomist at Botanischer Garten & Museum, Berlin-Dahlem, Ger 1978–2006;

Book [1989] *Internationaler Code der Botanischen Nomenklatur* [w P Hiepko] Berlin, Ger; 120p; (w other editors),

[1994] *International Code of Botanical Nomenclature (Tokyo Code)* Konigstein, Ger; 389p; (w other editors),

[2000] *International Code of Botanical Nomenclature (St. Louis Code)*; 474p; (w other editors);

desc species:

(Sedum) **samium** [w H Runemark] (Greece, Turkey) 1981;

transfer species:

"Sedum tenuifolium" (J Sibthorp & JE Smith 1809) —> **Sedum amplexicaule** ssp **tenuifolium** [w HM Burdet] 1981.

† **Greve**, [Grevé,] Mr. H (–1895); French farmer & naturalist in Mada; collected for A Grandidier;
species nah:

(Talinella) **grevei** (Mada) (desc & nah by PA Danguy 1915).

† **Grierson**, Andrew John Charles (24 Apr 1929–11 Sep 1990); {Grierson}; Scottish botanist; graduate at Univ of Edinburgh, Scotland 1951; worked at Royal Bot Gardens 1951~; interested in family Compositae;
desc species:

(Rhodiola) **marginata** (Bhutan) 1984.



Griffith, (Dr) Michael Patrick (22 Apr 1974–); {M.P.Griff.}; US; PhD in botany at Claremont Graduate Univ, Calif 2005; worked at Rancho Santa Ana Bot Garden, Claremont, Calif; executive dir at Montgomery Bot Center, Coral Gables, Florida 2007; interested in Cactaceae;

transfer species:

"Opuntia aggeria" (BE Ralston & RA Hilsenbeck 1990) —> **Corynopuntia aggeria** 2002.

"Opuntia emoryi" (GT Engelmann 1856) —> **Corynopuntia emoryi** 2002,

"Opuntia kunzei" (JN Rose 1908) —> **Corynopuntia kunzei** 2002,

"Opuntia marenae" (SH Parsons 1936) —> **Corynopuntia marenae** by 2002.



† **Griffith**, Wm (4 Mar 1810–9 Feb 1845); {Griff.}; British colonial botanist, cryptogamist & medical man in India 1832~; studied under J Lindley & graduate from London Univ; superintendent at Calcutta Bot Garden, India 1842–43; explored in India, Burma & Afghanistan;

desc species:

(Dischidia) **albida** (Sulawesi, Borneo, Sumatra of Indonesia, Malaysia, Singapore) 1854 (pub after his death).



† **Griffiths**, (Dr) David (16 Aug 1867–19 Mar 1935); {Griffiths}; British to US 1870; horticulturist, agrostologist & mycologist; PhD at Columbia Univ, NYC 1900; agrostologist 1901, agriculturist 1907 & horticulturist 1918 at USDA ; collected in n Mex; student of Opuntia genus; first spouse Emigene [née Lily] Griffiths (–1909); second spouse Louise [née Hayward] Griffiths;

Book [1905] *Prickly Pear and other Cacti as Food for Stock* Santa Fe, New Mex; Eng; 134p,

[1906] *Feeding Prickly Pear to Stock in Texas* DC; Eng; 23p,

[1907] *Summary of Recent Investigations of the Value of Cacti as Stock Food* [w RF Hare] DC; Eng; 16p,

[1907] *The Tuna as Food for Man* [w RF Hare] Las Cruces, New Mex; Eng; 90p,

[1908] *The Prickly Pear as a Farm Crop* DC; Eng; 37p,

[1909] *The "Spineless" Prickly Pears* DC; Eng; 24p,

[1912] *The Thornless Prickly Pears* DC; Eng; 20p,

[1913] *Behaviour, Under Natural Conditions, of Species of Cacti known as Opuntia* DC; Eng; 24p,

[1915] *Prickly Pears as a Feed for Dairy Cows* [w TE Woodward & WF Turner] DC; Eng; 44p,

[1920] *Prickly Pear as Feed Stock* DC; Eng; 24p.

[1929] *Cacti* [w CH Thompson] DC; Eng; 26p;

species nah:

(Sedum) **griffithsii** (Arizona into Mex) (desc & nah by JN Rose 1905);

desc species:

- (Nopalea) **inaperta** (Campeche, Quintana Roo, Yucatan) 1913 (disc by him 1904),
- (Opuntia) **aciculata** (Texas) 1916 (disc by him 1911),
- (Opuntia) **atrispina** (Texas, Coahuila) 1910 (disc by him 1908),
- (Opuntia) **fuliginosa** (Colima, Jalisco, Michoacan) 1908 (disc by him 1905),
- (Opuntia) **sinclairii** 1910 (na W Sinclair).

Griffon, Paul; French;

Book [1981] *Les Cactus et les Plantes Grasses* = "Cactus & Succulents" [w C Hilaire] Paris, France; 64p.

Griggs, Pat;

Book [2012] *Joseph Hooker, Botanical Trailblazer* Kew, United Kingdom; Eng; 62p.

Grigoras, Valeriu;

Book [1984] *Cactusii* [w S Copacescu & B Bobirnac] Craiova, Romania; Romanian; 364p.



† **Grisebach**, (Prof) (Dr med) August Heinrich Rudolf [Rudolph]

(17 Apr 1814–9 May 1879); {Griseb.}; Ger physician, botanist, bot taxonomist & phytogeographer; studied medicine & botany in Berlin & Göttingen; MD at Göttingen Univ 1836; prof 1841~ & dir of bot garden 1875~ at Univ of Göttingen, Ger; first author to classify plants according to climatic area of habitat; explored in Balkan Peninsula & in nw Asia Minor 1839–40; honorary doctorate at Göttingen Univ 1875;

Book [1864] *Flora of the British West Indian Islands* London, Eng; Eng; 789p; (Cactaceae; 9p),

[1866] *Catalogus Plantarum Cubensium*; (Cactaceae c16p); (1988 reprint of both 1864 & 1866 Cactaceae sections; Eng/Latin; 25p);

species nah:

(Sedum) **grisebachii** (Balkans, Rumania, Greece, Turkey) (desc & nah by PE Boissier & THH von Heldreich 1856);

desc species:

- (Jatropha) **macrocarpa** (Argentina) 1874,
- (Opuntia) **macracantha** (Cuba, Bahamas, Haiti, Dominican Rep, Cayman Islands, Lesser Antilles, Puerto Rico, British Virgin Islands, US Virgin Islands, Florida) 1866 —> **Consolea macracantha** by A Berger 1926,
- (Portulaca) **fulgens** (Argentina) 1879,
- (Pereskia) **sacharosa** (Argentina, Bolivia, Paraguay, Brazil) 1879 (disc by PG Lorentz & GHE Hieronymus 1873),
- (Rhipsalis) **lorentziana** (Argentina, Bolivia) 1879 (na PG Lorentz) —> **Lepismium lorentzianum** by WA Barthlott 1987,
- (Rhipsalis) **monacantha** (Argentina, Bolivia) 1879 (disc by PG Lorentz & GHE Hieronymus 1873) —> **Pfeiffera monacantha** by PV Heath 1994,
- (Sempervivum) **marmoreum** (Balkans) 1843,
- (Spherospermum) **majus** (Mex to Venezuela, British Guiana, Haiti, Trinidad) 1859,
- (Tristicha) **phascoides** (Salta, Tucuman) 1879 —> **Crassula phascoides** by M Bywater 1985.

Groen, (Dr) Lambertus E [Ben] (1946–); {L.E.Groen}; Netherlands; Paleis Het des National Museum, Koninklijk Park, The Netherlands; IOS member 1985–98;

Book [1990] *Catalogue of Succ in Dutch Bot Gardens* Boskoop, Netherlands; 142p;

desc species:

(Faucaria) **nemorosa** (Eastern Cape) 1994.

Groener, G — See **Groner**, G.



† **Groenewald**, Barend [**Ben**] Hermanus (21 Jul 1905–24 Sep 1976); {Groenew.}; RSA biologist; MSc degree at Univ of Pretoria, RSA; high school teacher in Hoërskool, Pietersburg, Transvaal; specialist in the genus *Aloe*; first spouse Ingeborg [nee Glietenberg] Groenewald (died age 33); second spouse Kitty [nee Villaveccencio] Groenewald;

Book [1941] *Die Aalwyne van Suid-Afrika, Suidwest Afrika, Portugees Oos-Afrika, Swaziland, Basoetoland* Bloemfontein, RSA; Afrikaans; 172p w 15 color plates;

species nah:

(Euphorbia) **groenewaldii** (Limpopo) (desc & nah by RA Dyer 1938 & disc by FZ van der Merwe 1936);

desc species:

(*Aloe*) **branddraaiensis** (Mpumalanga) 1940 (disc by FZ van der Merwe 1938),

(*Aloe*) **graciliflora** (Mpumalanga) 1936,

(*Aloe*) **hlangapies** (Mpumalanga, Natal) 1936 (disc by FZ van der Merwe 1935),

(*Aloe*) **lutescens** (Limpopo) 1938,

(*Aloe*) **nubigena** (Mpumalanga) 1936,

(*Aloe*) **thompsoniae** (Limpopo) 1936 (disc by EA Thompson 1910 & nah),

(*Aloe*) **vryheidensis** (Natal) 1937 (disc by FZ van der Merwe 1936),

(*Leptaloe*) **blyderivierensis** (Mpumalanga) 1938 —> ***Aloe minima*** var ***blyderivierensis*** by GW Reynolds 1947.

Grolimund, K;

Book [1982] *Kakteen und andere Sukkulente (Pflegeinformation, Bezugsquellen)* Titisee-Neustadt, Ger; 33p.



Groner, [Gröner, Groener,] (Dr) Gerhard; Ger artist & writer; IOS member 1985;

Book [1986] *The Enc of Cacti* [w E Götz & W Cullmann] Dorset, Eng; Eng; 340p w 406 color photos; (Eng version of the 1984 'Kakteen' book); G Groner responsible for sections on cactus culture & new photos;

[1990] *Schöne Kakteen** Stuttgart, Ger; Ger; 96p w color photos,

[1992] *Beautiful Cacti** NYC; Eng; 96p w 65 color photos,

[1993] *Echinopsis-Hybriden-Rundbriefe (August 1987 bis Februar 1993)* Stuttgart; 300p.

[1996] *Kakteen** Stuttgart; 340p.

*[w E Götz]

Groos, Martin; RSA farmer; Dutchman w a guest house at his farm Hartbeesfontein in Western Cape;

disc species:

(*Aloe*) **juddii** (Western Cape) 2007 (desc by EJ van Jaarsveld 2008 & na EG Judd).

† **Grosourdy**, René de (1807–1864); French pharmacist & chemist; to Puerto Rico 1852, to Venezuela & to France; collected in Venezuela ≈1864; specialist in medicinal plants of S Amer;

desc genus:

Doyerea (Mex, Caribbean, S Amer) 1864;

desc species

(*Doyerea*) **emetocathartica** (Sinaloa, Guerrero, Oaxaca, Veracruz, Guatemala, Antilles, Caribbean, S Amer) 1864.

Gross, (Prof) (Dr) Daniel R (1942–); US anthropologist; PhD at Columbia Univ, NYC 1970; prof of anthropology at Hunter College of City Univ of NYC;
Book 1970] *Sisal & Social Structure in ne Brazil*; 462p; (PhD thesis).

†**Grossheim**, [Grossgeim,](Dr) Alexander Alfonsovitch [Aleksandr Alfonsovich] (6 Mar 1888–4 Dec 1948); {Grossh.}; Ukrainian botanist; PhD at Univ of Moscow 1912; worked at Tiflis Bot Garden 1929–46 in Georgia & collected in the Caucasus; curator of Caucasian Herbarium at Komarov Bot Institute in Leningrad, Russia 1946~;

desc species:

(Sedum) **corymbosum** (Russia, Azerbaidzhan) 1916,
(Sedum) **lenkorianum** (Armenia, Turkey, Iran, Azerbaidzhan) 1915;

desc variety:

(Sedum maximum var) **caucasicum** (Georgia A, Turkey, Iran) 1930 → **Hylotelephium caucasicum** by H Ohba 1977.

Grove, Alvin Russell (1914–); US plant morphologist;

Book [1938] *The Early Utilization & the Distribution of Agaves in the Amer SW* [w EF Castetter & W Bell] Albuquerque, New Mex; Eng; 92p,
[1941] *Morphological Study of Agave lechuguilla*; Eng; 12p.



Groves, Madeleine C (1962–); British CITES implementation officer at Kew 2000~; Kew diploma (honours) 1991; conservation coordinator for Atlanta Bot Gardens, Georgia ;

Book [2004] *CITES & Succulents: An Introduction to Succ Plants covered by the Convetntion on the International Trade in Endangered Species* [w HN McGough, M Mustard, C Brodie & M Sajeva] Kew; Eng; 49p.

Gruber, Rudolf (3 Jun 1932–); {R.Gruber};

desc species:

(Melocactus) **schatzlii** [w JA Till] (Venezuela) 1982 (disc by R Gruber & S Schatzl 1982 & na S Schatzl).

Grunert, Christian; Czech;

Book [1977] *Kakteen und andere Schöne Sukkulenten* = "Kakteen & Other Beautiful Sukkulenten" [w G Viedt & H-G Kaufmann] Berlin, Ger; Ger; 351p w 24 color photos (rev 1989; 308p),

[1979] *Kaktusy a Iné Sukulenty* [w G Viedt & H-G Kaufmann] Priroda, Bratislava, Czech Rep; Czech translation of 1977 Ger book; 320p w 73 color photos.



†**Gruson**, Hermann Auguste Jacques (13 Mar 1821–30 Jan 1895); Ger industrialist, inventor, scientist, entrepreneur & horticulturist; worked at a cast-iron factory; studied natural history & philosophy at Univ of Berlin 1939–42; privy councilor in Magdeburg, Ger; large plant nursery in Magdeburg 1885~; sent gardener A Mathsson to Mex 1889 to collect plants (including cacti);

Book [1890] *Verzeichniss der Cacteen und Succulenten Pflanzen in den Gewächshäusern von H Gruson, Geheimer Kommerzienrath* Magdeburg; 51p; (1998 reprint w 51p);

genus nah:

Grusonia (Mex) (desc & nah by NL Britton & JN Rose 1919);

species nah:

(Echinocactus) **grusonii** (Queretaro, San Luis Potosi, Zacatecas) (desc & nah by H Hildmann 1891.

Grym, Rudolf (1 Aug 1946–5 Aug 2015); Slovak horticulturist; explored in Mex;
Book [1997] *Rod/Die Gattung Lophophora* Bratislava, Slovakia; Czech/Ger; 125p w 75 color photos.

Gual, [Gual Diaz,] Martha (fl. 1997); {Gual}; Mex; prof in laboratory of biogeograph,
dept of biology faculty of sciences, UNAM;

desc species:

(Thompsonella) **xochipalensis** [w S Peralta Gomez & E Perez-Calix] (Guerrero) 1997 (disc by
M Gual Diaz & S Peralta Gomez 1990).

Guanchez Meza, (Dr) Francisco José (22 Jan 1953–); Venezuelan biologist at
L.H.Bailey Hortorium, Cornell Univ, Ithaca, NY;

species nah:

(Marsdenia) **guanchezii** (Venezuela) (desc & nah by GN Morillo 1986).



† **Gueinzus**, Wilhelm (15 Mar 1813–24 Jan 1874); Ger apothecary & natural scientist;
to Cape 1838 & to Natal 1841 RSA where he collected plants, bats, snakes, butterflies & other
insects; sent specimens to EF Poeppig;

species nah:

(Euphorbia) **guenzii** (RSA, Lesotho, Swaziland) (desc & nah by PE Boissier 1862 & disc by J Sanderson
c1854).

Guerke, M - See M **Gurke**.

Guerra, (Dr) Guilherme; dir of Agriculture & Forests, Luanda, Angola;

disc species:

(Aloe) **guerrae** (Angola) 1952 (desc & nah by GW Reynolds 1960).

Guerrero, [Guerrero Guerrero,] R;

Book 1985] *El Pulque* (Religion, Cultura, Folklore) Mex City; 241p.

Guerrini, Luigi;

Book [2010] *Flora: The Aztec Herbal—The Paper Museum of Cassiano Dal Pozzo* [w M Clayton & A de Avila]
London, Eng; ?Eng?; 255p w 30 color photo text-figures, 6 photos & 41 facsimile color photos; features copy of
original Codex Cruz-Badianus manuscript; (see M de la Cruz & EM Emmart on *The Badianus Manuscript*).

Guevara, MH de;

Book [1966] *Algunos Consideraciones Sobre la Produccion de Sisal en Venezuela* Caracas; 105p.

Gugenhan, Edgar; Ger;

Book [1965] *Zimmerpflanzen. Kakteen*. = "House Plants Kakteen" Munich, Ger; Ger; 288p,

[1982] *Lexikon der Zimmerpflanzen und Kakteen* Köln, Ger; Ger; 350p + 44 plates.

Guglielmone, Laura; Italian biologist; BSc in scienze agrarie at Univ of Turin 1987; secondary
school biology teacher 1997-2000; works at Dept of Life Sciences & Systems Biology at Univ of Turin & curator
of its herbarium 2000~; interested in arid areas of N & S Africa & Arabian Peninsula;

Book [2012] *Succulents in Nature*; Eng; 128p w over 149 color photos; [first printing in Italian *Succulente in Natura* in 2011 w 162p].

Guiberson, Brenda Z; US writer & illustrator of children books;

Book [1991] *Cactus Hotel (Carnegie gigantea)* NYC; Eng; 32p w 23 color sketches; (juvenile w illustrations by Megan Lloyd).



† **Guignard**, (Dr) Jean-Louis-Léon (13 Apr 1852–7 Mar 1928); {Guignard}; French cytologist & algae researcher; PhD w thesis on Leguminosae at Paris Univ 1882; pres of Bot Company of France (founded 1854) 1894; pres of Institute of France 1919; **Book** 1886] *Observations sur l'ovule et la Fécondation des Cactées* Lyon; 6p.

Guillaumet, (Dr) Jean-Louis B (1 Jan 1934–); {Guillaumet}; French botanist; plant ecologist at Office de la Recherche Scientifique et Technique d'Outre-Mer, Mada 1968–73; collected in Ivory Coast 1960–66 & 1975–78, Ethiopia 1966, Mada 1968–73, Central African Rep 1974, Kenya 1977 & Brazil 1979; **Book** [1972] *Les Variations due Genre Rhipsalis (Cactacees) a Mada*; French; 3p; (from Adansonia, ser. 2, #12, [1974] *Flore et Vegetation de Madagascar* [w J Koechlin & P Morat]; French; 687p;

species **nah**:

(Aloe) **guillaumetii** (Mada) (desc & nah by G Cremers 1976 & disc by G Cremers);

transfer species:

"Euphorbia pereskiiifolia" (HE Baillon 1860) to **Synadenium pereskiiifolium** 1935.



† **Guillaumin**, (Prof) (Dr) André Louis Joseph Edmond Armand (21 Jun 1885–29 May 1974); {Guill. or Guillaumin}; French botanist & explorer; DSc degree in science 1910; worked & prof of Culture at the Paris Natl Museum of Natural History 1906–56; IOS member 1953; interested in family Burseraceae & other plant families;

Book [1931] *Les Cactées Cultivées* Paris, France; French; 194p; (3rd edition 1946 w 262p), [1935] *Cactées* [w ADM Bertrand] Paris; French; 126p; Eng edition 1952 w 94p;

genus **nah**:

Guillauminia (Mada) (desc by A Bertrand 1956);

desc genus:

Perrierastrum (Mada) 1930 (na JMH Perrier de la Bathie);

species **nah**:

(Euphorbia) **guillauminiana** (Mada) (desc & nah by PL Boiteau 1942);

desc species:

(Aloe) **albiflora** (Mada) 1940,

(Aloe) **boiteui** (Mada) 1942 (disc by P Boiteau & nah),

(Aloe) **versicolor** (Mada) 1950 (disc by J-H Humbert 1947),

(Euphorbia) **decaryi** (Mada) 1934 (na R Decary),

(Euphorbia) **denisiana** (Mada) 1929,

(Lomatophyllum) **citreum** (Mada) 1944 —> **Aloe citrea** by LE Newton & GD Rowley 1977,

(Perrierastrum) **oreophilum** (Mada) 1930,

(Trichocaulon) **somaliense** (French Somaliland) 1938 (disc by FA de la Rue 1938),

(Xerosicyos) **decaryi** [w M Keraudren] (Mada) 1960 (na R Decary);

desc variety:

(Aloe madecassa var) **lutea** (Mada) 1955.

† **Guillebaud**, Claude Wm (2 Jul 1890–23 Aug 1971); British tutor at Cambridge College 1919~; **Book** [1966] *An Economic Survey on the Sisal Industry of Tanganyika* London, Eng; 146p.

† **Gulzow**, [Gülzow,] Robert; Ger horticulturist; owner of succ plant nursery in Berlin 1890~; **Book** [c1933] *Haupt-Verzeichnis Kakteen und Succulente Pflanzen* Berlin, Ger; Ger; 20p;

species nah:

(Mamm) **guelzowiana** (Durango) (desc & nah by E Werdermann 1928).



† **Guner**, [Güner,] (Dr) Adil (1950–); {Güner}; Turkey biologist; PhD at Hacettepe Unive 1979; prof of biology at Abant İzzet Baysal Univ, Turkey; 1994; curator of Nezahat Gökyigit Bot Garden in Istanbul 2002;

desc species:

(Sempervivum) **pisidicum** [w H Pesmen] (Turkey) 1978.



† **Gunn**, (Miss) Mary Davidson (16 May 1899–31 Aug 1989); Scotland to RSA; librarian & biographer; worked primarily in book collection library division of botany & plant pathology of Bot Research Institute, Pretoria, RSA 1916~ & Mary Gunn Library nah 1970; specialized in history of bot collecting in RSA; Bolus Medal award from Bot Soc of S Africa 1976;

Book [1978] *The Flora Capensis of Jakob & Johann Philipp Breyne* [w EP du Plessis] Johannesburg, RSA; 218p, [1981] *Bot Exploration of Southern Africa* [w LEW Codd] Cape Town, RSA; Eng; 400p w 520 text & people of mostly portraits; (2nd edition, see HF Glen & G Germishuizen).



† **Gunn**, Ronald Campbell (4 Apr 1808–13 Mar 1881); {Gunn}; RSA botanist, naturalist, landowner & scientist; to Tasmania 1829; corresponded w WJ Hooker & J Lindley; FLS 1850; FRS 1854; founded *Tasmanian Journal of Natural Sciences*; first spouse ? (–26 Jun 1836); second spouse Margaret [née Legrand] Gunn (1817–1895);

genus nah:

Gunniopsis (s Australia) (desc & nah by FA Pax 1889).

† **Gunthart**, (Dr) [Emil] August (8 Jul 1879–22 Apr 1957); Swiss botanist; PhD at Zürich Univ 1902; dir of bot garden in Frauenfeld 1920~;

Book [1902] *Beiträge zur Blütenbiologie der Cruciferen, Crassulaceen und der Gattung Saxifraga* Stuttgart, Ger; Ger; 97p; Crassulaceae on p 39–62.

† **Gunther**, [Günther, Guenther,] ?;

species nah:

(Monadenium) **guentheri** (Kenya) (desc & nah by FA Pax 1909 & disc by C Uhlig 1901).

† **Gunther**, [Günther, Guenther,] Ernest [Ernesto] Karl Franz; Chilean bot philanthropist in Valparaíso; contributed to cost of travels of C Troll in Bolivia;

species nah:

(Cephalocereus) **guntheri** (Bolivia) (desc & nah by W Kupper 1931 & disc by C Troll 1927) —> **Espostoa guentheri** by F Buxbaum 1959.

Guo, Xin Hu (1933–); {X.H.Guo}; Chinese botanist;

desc species:

(Sedum) **jinianum** (China) 1996 & desc by him 1994,
(Sedum) **wannanense** [w XP Zhang & XH Chen] (China) 1999.

† **Guptill**, Paul Leonard (13 Jul 1919–1989); Congo;

Book [1947] *The Morphology & Life Cycle of Talinum teretifolium Pursh.*; 42p + 11 plates; (MA thesis).

Gurgenidze, MZ (fl. 1965); {Gurgen.};

desc species:

(Sempervivum) **annae** (Georgia A) 1969 (na Anna S Schchian),
(Sempervivum) **charadzeae** (Georgia A) 1969 (na AL Charadze),
(Sempervivum) **dzhavachischvili** (USSR) 1969 (na A Dzhavachischvili),
(Sempervivum) **ermanicum** (Georgia A) 1969.

† **Gurich**, [Gürich, Guerich,] (Dr) **Georg** Julius Ernst (25 Sep 1859–16 Aug 1938); {Gürich}; Ger geologist & paleontologist; PhD in geology at Breslau/Wroclaw 1892; collected in sw Africa 1885–88; dir of Geological Institute at Hamburg Univ 1910~;

species nah:

(Sesamothamnus) **guerichii** (Namibia) (desc & nah by HGA Engler 1953);

disc species:

(Euphorbia) **guerichiana** (Namaq to Limpopo, Zimbabwe, Botswana, Namibia) (desc & nah by FA Pax 1894).



† **Gurke**, [Gürke, Guerke,] (Prof) (Dr) Robert Louis August Maximilian [**Max**]

(17 Nov 1854–16 Mar 1911); {Gürke}; Ger botanist; studied natural history & mathematics;
PhD at Gottingen Univ 1892; curator of bot garden & prof at museum in Berlin 1892~; pres of
DKG 1905–10; spouse Toni Gurke (–1936);

Book [1900–21] *Bluhende Kakteen* [w KM Schumann & FKJ Vaupel]; in 3 Vols w 60 plates w text in each Vol;
(continued in parts w FKJ Vaupel after KM Schumann's death in 1904); (watercolor paintings by Toni Gurke);

[1900–05] Vol 1;

[1905–10] Vol 2;

[1910–21] Vol 3;

desc species:

(Aeollanthus) **rehmannii** (Tanzania to Namibia, Mpumalanga, Swaziland, Natal) 1896 (na A Rehmann),

(Cephalocereus) **delaetii** (Coahuila) 1909 (disc by F de Laet & nah) —> **Echinocereus longisetus** ssp

delaetii by NP Taylor 1997,

(Cephalocereus) **purpureus** (Bahia) 1908 (disc by EHG Ule 1906) —> **Micranthocereus purpureus** by
F Ritter 1968,

(Cephalocereus) **ulei** (Brazil) 1908 (disc by EHG Ule & nah) —> **Facheiroa ulei** by E Werdermann 1933,

(Cereus) **adscendens** (Brazil) 1908 (disc by EHG Ule 1906) —> **Harrisia adscendens** by NL Britton &

JN Rose 1920,

(Cereus) **catingicola** (Bahia) 1908 —> **Pilosocereus catingicola** by RS Byles & GD Rowley 1957,

(Cereus) **leucostele** (Bahia) 1908 (disc by EHG Ule) —> **Stephanocereus leucostele** by A Berger 1926,

(Cereus) **penicillatus** (Bahia, Minas Gerais) 1908 (disc by EHG Ule 1906) —> **Arrojadoa penicillata** by

NL Britton & JN Rose 1920,

(Cereus) **phaeacanthus** (Bahia, Minas Gerais) 1908 (disc by EHG Ule 1906) —> **Brasilicereus**

phaeacanthus by C Backeberg 1942,

(Cereus) **piauhyensis** (Brazil) 1908 (disc by EHG Ule 1907) —> **Pilosocereus piauhyensis** by RS Byles & GD Rowley 1957,
 (Cereus) **rhodanthus** (Brazil) 1908 (disc by EHG Ule 1907) —> **Arrojadoa rhodantha** by NL Britton & JN Rose 1920,
 (Cereus) **squamosus** (Brazil) 1908 (disc by EHG Ule 1907) —> **Facheiroa squamosa** by PJ Braun 1989,
 (Coleus) **coeruleus** (Kenya, Tanzania, Malawi) 1894 —> **Plectranthus coeruleus** by ADQ Agnew 1974,
 (Coleus) **pentheri** (Eastern Cape) 1905 (na A Penther) —> **Plectranthus pentheri** by EJ van Jaarsveld & TJ Edwards 1997,
 (Echinocactus) **fiebrigii** (Bolivia, Argentina) 1905 (na KAG Fiebrig) —> **Rebutia fiebrigii** by NL Britton & JN Rose 1916,
 (Echinocactus) **mihanovichii** [w AV Fric] (Paraguay) 1905 (disc by AV Fric 1903 & na N Mihanovich) —> **Gymnocalycium mihanovichii** by NL Britton & JN Rose 1922,
 (Echinocactus) **mostii** (Argentina) 1906 (na C Most) —> **Gymnocalycium mostii** by NL Britton & JN Rose 1918,
 (Echinopsis) **hempeliana** (Chile, Peru) 1906 —> **Oreocereus hempelianus** by DR Hunt 1987,
 (Echinopsis) **lateritia** (Bolivia) 1907,
 (Echinopsis) **mamillosa** (Bolivia, Argentina) 1907,
 (Mamm) **mazatlanensis** (Sinaloa, Colima, Jalisco, Michoacan, Nayarit) 1905,
 (Pereskia) **bahiensis** (Bahia) 1908 (disc by EHG Ule 1906),
 (Plectranthus) **grandidentatus** (RSA) 1898,
 (Plectranthus) **prostratus** (Kenya) 1894,
 (Plectranthus) **rehmannii** (Natal) 1898 (na A Rehmann),
 (Plectranthus) **woodii** (RSA) 1898 (na JM Wood),
 (Sansevieria) **volkensis** (Tanzania, Kenya) 1895 (na GLA Volkens).



† **Gussone**, Giovanni (8 Feb 1787–14 Jan 1866); {Guss.}; Italian botanist; assistant dir at bot garden in Naples 1811–17; to Sicily 1817–27 as dir of bot garden at Boccadifalco (near Palermo); worked at Royal Bot Gardens herbarium at Naples, Italy, housing some 14,000 species 1827–61; prof at Univ of Naples 1861; collected in Sicily, Italy, Spain, France, Switzerland & Eng;

Book [1827–28] *Florae Siculae Prodrum* Naples, Italy;

desc species:

(Cotyledon) **horizontalis** (Canary Islands, Morocco, Egypt, Iran, Mediterranean, Somalia, Europe) 1826 —> **Umbilicus horizontalis** by AP de Candolle 1828,
 (Sedum) **glanduliferum** (Africa, Sicily, Sardinia, Corsica, Spain, Portugal) 1827 —> **Sedum dasyphyllum** var **glanduliferum** by GG Moris 1840,
 (Sedum) **litoreum** (central & eastern Mediterranean, Near East, s Europe) 1826,
 (Stapelia) **europaea** (Spain, Italy, Morocco, Algeria, Tunisia, Libya, Egypt) 1832 (disc by him 1828) —> **Caralluma europaea** by NE Brown 1892.



† **Guthrie**, Francis (22 Jan 1831–19 Oct 1899); {Guthrie}; British to RSA 1861; lawyer, mathematician & botanist; Bachelor of Law 1852; prof at Graaff-Reinet College, RSA 1861–1876 & at S African College 1876~; founder of the mathematical "Four Color Theorem"; spouse Charlotte Isabelle Guthrie; daughter L Guthrie;

species nah:

(Delosperma) **guthriei** (Western Cape) 1969 (desc & nah by MG Lavis).



† **Guthrie**, (Miss) Louise (10 Oct 1879–20 Feb 1966); {L.Guthrie}; RSA bot assistant & artist at Bolus Herbarium, Univ of Cape Town, RSA; father F Guthrie;

species nah:

(Mesemb) **guthriae** (Western Cape) (desc & nah by HML Bolus 1927) —> **Oscularia guthriae**

by HEK Hartmann 1998;

desc species:

(Aloe) **pillansii** (Namibia, Northern Cape) 1928 (disc by NS Pillans 1926 & nah) —> **Aloe dichotoma** ssp

pillansii by BJM Zonneveld 2002,

(Bulbine) **crocea** (Eastern Cape) 1928.

Gutierrez, [Gutiérrez Amaro,] (Dr) Jorge E; Cuban botanist; PhD;

Book [1984] *Los Cactus Nativos de Cuba* Havana, Cuba; Spanish; 52p w 16 color photos.

Gutierrez de la Rosa, [Gutiérrez de la Rosa,] Araceli; Mex;

Book [2004] *Cactáceas Y Otras Plantas Nativas de la Cañada Cuicatlán, Oaxaca* = "Cacti & other Plants of La Cañada, Cuicatlán, Oaxaca" [w J Reyes Santiago, C Brachet Ize & J Perez Crisanto] Mex; Spanish; 196p w 535 color photos.

Gutte, (Dr) Gottfried; Ger horticulturist; owner of large library of cactus literature; founder & co-editor of *Berliner Kakteen-blätter* 2001;

Book [1985] *Verzeichnis der Literatur Über Kakteen und Andere Sukkulente in den Bibliotheken von Berlin (Hauptstadt der DDR)* [w F Illmann] Berlin, Ger; Ger; 18p.

Guterman, Yitzchak (1936–); Israeli botanist; prof of botany at Jacob Blaustein Institute for Desert Research & Dept of Life Sciences, Ben-Gurion Univ of the Negev, Israel;

Book [1993] *Seed Germination in Desert Plants — Adaptations of Desert Organisms* [w JL Cloudsley-Thompson] Berlin, Ger; Eng; 253p.

Guy, Graham L; worked in forestry dept museums of Rhodesia;

Book [1971] *The Baobabs; Adansonia spp. (Bombacaceae)*; 8p.

Guymer, (Dr) Gordon Paul (1953–); [Guymer]; Australian botanist;

PhD on *Brachychiton* genus at Univ of New England, Armidale, New S Wales; botanist at Queensland Herbarium 1991–98; manager at Queensland Environmental Protection Agency at Queensland Herbarium, Brisbane Bot Gardens, Toowong 1999~; collected in Australia;

desc species:

(*Brachychiton*) **compactus** (Queensland) 1989.

Guzman Cruz, [Guzman, Guzmán Cruz,] Leonardo Ulises (9 Jul 1956–); {U.Guzman};

Mex botanist & cactologist; BS in biology at Natl Autonomous Univ of Mex; collected in Mex;

Book [1997] *Vol 14 of Flora del Valle de Tehuacan-Cuicatlan* [w S Gama Lopez & S Arias Montes] Mex City; Spanish; 146p,

[2003] *Catalogo de Cactaceas Mexicanas* [w AS Arias Montes & P Davila] UNAM, Mexico; Spanish; 315p;

disc species:

(*Pachycereus*) **tepamo** [et al] (Michoacán) 1992 (desc by S Gama Lopez & S Arias Montes 1998);

desc species:

(*Coryphantha*) **calipensis** [w S Arias Montes & S Gama López] (Puebla) 1992 (disc by H Bravo-Hollis 1960) —> **Coryphantha pallida** ssp **calipensis** by RF Dicht & AD Luthy 2000,
 (Opuntia) **tehuacana** [w S Arias Montes] (Oaxaca, Puebla) 1997 (disc by LU Guzman Cruz *et al* 1993),
 (Selenicereus) **validus** [w S Arias Montes] (Michoacán) 1995 (disc by H Sanchez-Mejorada 1987);
transfer variety:
 "Epiphyllum crenatum var kimnachii" (MW Kimnach 1967) —> **Epiphyllum crenatum** ssp **kimnachii** 2003.

Guzzi, Alberto;
Book [1991] *Plantes Grasses* Paris; 117p.

Gymno Aikokai; Japanese Soc devoted to study of Gymnocalycium 1970~;
Book [1990] *Gymnocalycium Hand Book*; 109p w 126 color photos.

Gyr, Franz;
Book [1940] *Pharmakagnostische Untersuchungen über Einige als Arzneidrogen Verwendete Sedum-Arten, unter Besonder Berücksichtigung ihrer Anatomie* Zurich, Switzerland; 68p.

H



† **Haage, Friedrich** Adolph (24 Mar 1796–20 Sep 1866); {Haage}; Ger horticulturist; a 5th generation gardener; trained in horticulture from Johann Heinrich Seidel at the court of King Friedrich August of Saxony; one of first large cactus collection & gardens in Ger; founded the horticultural firm of *Firma Friedrich Adolph Haage jun.* (now known as Kakteen-Haage Nursery) in Erfurt, Ger 1822 (known as longest, continuous nursery in the world to present day); one of founders & dir of
Book [1864] *Cactus-Spezial-Offet*; Ger; earliest all-succ trade catalogue pub in the world (earlier than AA Blanc's 1886 catalogue);

species nah:
 (Mamm) **haageana** (Veracruz) (desc by LKG Pfeiffer 1836);

transfer species:
 "Cereus acifer" (JFM Salm-Dyck 1850) —> **Echinocereus acifer** 1859,
 "Cereus berlandieri" (GT Engelmann 1856) —> **Echinocereus berlandieri** 1859,
 "Echinocactus reichenbachii" (WG Walpers 1843) —> **Echinocereus reichenbachii** 1959;

transfer variety:
 "Cereus pectinatus var rigidissimus" (GT Engelmann 1856) —> **Echinocereus rigidissimus** 1897,
 "Cereus phoeniceus var pacificus" (GT Engelmann 1886) —> **Echinocereus pacificus** 1897.



† **Haage, Friedrich Ferdinand** (8 Apr 1859–7 May 1930); {F.Haage}; Ger horticulturist; [referred to as 'Frederich Adolph Haage, Junior' in numerous publications]; took over horticultural firm of *Firma Friedrich Adolph Haage jun.* in Erfurt, Ger from GF Haage 1888; father GF Haage;
Book [c1878] *Cacti Indoors* Erfurt, Ger; Eng; 40p,
 [1878] *Culture of Cacti in Rooms*; Eng; 32p; (w early woodcut prints),
 [1892] *Haage's Cacteen-Kultur—Handbuch für Cacteenfreunde und Liebhaber von Succulenten Pflanzen, Sowohl für Gärtner Als Laien* Breslau; Ger; 180p w woodcut prints); (rev 1900; 263p),
 [1898] *Kakteen-Zimmer-Kultur* Erfurt, Ger; Ger; 40p; (later rev editions),
 [1907] *Choice Cacti*; 47p w 160 engravings,

[1928] *Kakteen im Heim* = "Cacti in the Home"; Ger/Eng & 2 other languages; 48p;

genus nah:

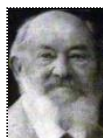
Haageocereus (Peru, Chile) (desc & nah by C Backeberg 1934);

species na firm:

(Haworthia) **haageana** (RSA) (desc & na firm by JKL von Poellnitz 1930);

desc species:

(Echinocactus) **hossei** (Cordoba, La Rioja) 1927 (na CC Hosseus) —> **Gymnocalycium hossei** by AW Hill 1933.



† **Haage, Gustav Ferdinand** (1830–1921); Ger horticulturist; took over horticultural firm of *Firma Friedrich Adolph Haage jun.* in Erfurt, Ger 1866–88, upon death of FA Haage; pub world's first cactus catalogue 1857; father FA Haage.



Haage, Hans-Friedrich (1942–); Ger horticulturist; he & spouse studied horticulture at Humboldt Univ, Berlin, Ger 1969; took over as manager of state-owned horticultural firm (known at this time as "VEG Saatzeit Zierpflanzen — Brigade Kakteenzucht") 1972–c1992 & as owner of *Firma Friedrich Adolph Haage jun.* (or at this time known as *Kakteen-Haage Nursery*) c1992–96; father W Haage; spouse

Lieb Gund Haage;

Book [1989] *Walther Haage und Seine Blattkakteen-Zuchtungen* [w C Schliebener] Erfurt; 22p,

[1993] *Kakteen* Radebeul; Ger; Ger; 160p w 16 color photos.



Haage, Ulrich (1970–); studied horticulture in Erfurt, Kew, Zurich & Wuerzburg & worked in nurseries in Ger, Belgium & Guatemala; took over management of horticultural firm of *Kakteen-Haage Nursery* 1996; father H-F Haage;

Book [1997] *Kleines Kakteenkochbuch* = "Cacti Cookbook" [w W Hoffmann].



† **Haage, Walther** (27 Nov 1899–22 Apr 1992); {W.Haage}; Ger horticulturist; studied botany & worked in Stuttgart, Ger, & in Belgium & Sweden before returning to family business in Ger c1919; took over horticultural firm of *Firma Friedrich Adolph Haage jun.* in Erfurt, Ger 1930–72, upon death of FF Haage (after which it was taken over by the state w H-F Haage as manager); led expeditions to central & S Amer to collect cacti seeds; worked w collectors AV Fric, F Buxbaum, H Lembke, H-W Viereck & C Backeberg; collected succ seeds in Africa; produced over 100 Epiphyllum hybrids; IOS member 1961 & honorary member 1986; CSSA Fellow award 1981; Monaco Cactus d'Or award 1990; father FF Haage; spouse Lotte [née Söhlemann] Haage (1906–2001);

Book [1926] *Haage's Kakteen-Zimmer-Kulture, Illustrierter Ratgeber zur Kakteen-Pflege im Zimmer*; Leipzig, Ger; Ger; 36p,

[1929] *Crassula*,

[1930] *Kakteen im Heim* = "Cacti in the Home" Erfurt, Ger; ; GerEng; 48p; (revision of FF Haage's 1928 book),

[1930] *Kakteen—Die Welt der Pflanze Band III* Friedrichsseggen, Ger; Ger; 64p w 17 full-p photos,

[1931] *Euphorbien—Die Welt der Pflanze Band IV* Friedrichsseggen; Ger; 14p + 48 full-p photos,

[1938] *Schöne Kakteen Richtig Pflegen* = "How to Correctly Care for Beautiful Cacti" Radebeul, Ger; Ger; 32p; (13th rev edition 1962 w 84p),

[1954] *Freude mit Kakteen* Radebeul, Ger; Ger; 240p w 8 color photos; (rev 1967 w 268p),

[1957] *Kakteensterne die Astrophyten* [w O Sadowsky] Radebeul; Ger; 156p w 2 color photos,

[1961] *Das Praktische Kakteenbuch in Farben* = "Practical book on cacti" Radebeul; Ger; 286p; (translated into 6 languages & pub in Russia),

[1961] *Das Praktische Kakteenbuch und Anderen Sukkulanten* Radebeul; Ger; 284p + 48 color plates,

[1963] *Het Praktische Cactusboek in Kleuren* Zutphen, Netherlands; Dutch; 284p,

[1963] *C&S - A Practical Handbook* London, Eng; Eng; 263p; (Eng edition of 1961 book *Das Praktische Kakteenbuch in Farben*),

[1965] *Cacti as House Plants* London, Eng; Eng; 88p; (Eng edition of 1962 book),

[1966] *Kleiner Ratgeber für die Artenwahl von Kakteen und Anderen Sukkulanten* Erfurt, Ger; Ger; 32p,

[1970] *Guide des Cactus* Neuchâtel, Switzerland; French; 280p,

[1981] *Kakteen von A bis Z* = "Cacti from A to Z" Leipzig, Ger; Ger; 749p w 364 color photos; (rev 2008 w 731p),

[1985] *Kulturbund der DDR. 20 Jahre Fachgruppe Kakteen/Sukkulanten Magdeburg (Gedanken, Erkenntnisse, Hinweise)* [w G Hass, A Gebauer & H Dorsing] Calbe/Saale; 30p w 4 color photos,

[1988] *Kakteen und Sukkulanten (Das Praktische Kakteenbuch für Jedermann)* Heidelberg; 286p;

species nah:

(Faucaria) **haagei** (Cape) (desc & nah by A Tischer 1929) —> **Faucaria bosscheana** var **haagei** by HJH Jacobsen.

Haagner, [née Kennedy] Margaret Elliot [**Peggy**] (1 Apr 1926–); RSA naturalist; collected in Namaq; spouse Clem Haagner;

disc species:

(Lavrania) **haagnerae** (Namibia) 1969 (desc & nah by DCH Plowes 1986).

Haas, Rolf;

Book [1976] *Morphologische, Anatomische und Entwicklungsgeschichtliche Untersuchungen an Blüten und Früchten Hochsukkulenter Mesembryanthemaceen-Gattungen-Ein Beitrag zu Ihrer Systematik* Vaduz, Ger; Ger; 256p.

† **Haas**, Th. de (1888–); {de Haas};

desc genus:

Setiechinopsis (Argentina) 1940 (syn of *Echinopsis* ZUCCURINI).



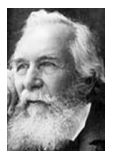
† **Habermann**, (Dr med) Vlastimil (11 Dec 1930–14 Sep 2014); Czech Rep physician & medical chemist; MD at Moscow Institute of Medicine 1957; dir of medical chemistry & biochemistry dept at Charles Univ in Plzen [Pilsen], Czech Rep 1957~; cactus grower; IOS member 1978;

Book [1974] *Kaktusy Jizni Kalifornie* = "Southern Calif Cacti" Oloumac, Czech Rep; Czech; 28p,

[1979] *O Kaktusech* Prag, Czech Rep; Czech; 36p;

desc species:

(Lophophora) **fricii** (Coahuila) 1974.



† **Haeckel**, (Prof) (Dr med) Ernst Heinrich Philipp August (16 Feb 1834–9 Aug 1919); {Haeckel}; Ger physician, morphologist, zoologist, artist, illustrator & evolutionary biologist; MD at Berlin Univ 1857; prof of comparative anatomy & dir of Zoological institute at Jena Univ 1862–1905;

species nah:

(Mesemb) **haeckelianum** (Eastern Cape) (desc & nah by A Berger 1910) —> **Aptenia haeckeliana** by

M Gerbaulet 2001.

† **Haehnel**, (Prof) Kurt [Curt]; Guadalajara, Jalisco, Mex; cactus collector; member of Ger Cactus Society;

Book [1912] *Anatomisch-Biologische Betrachtungen Über Kakteen* Mex City; Ger; 30p.

† **Hagberg**, Knut Hjalmar (19 Jul 1900–23 Mar 1975); Swedish biographical writer;

Book [1952] *Carl Linnaeus* London, Eng; Eng; 264p; (translated from Swedish by Alan Blair).

Hage, José L;

disc subsp:

(Rhipsalis baccifera ssp) **hileiabaiana** [w HS Brito] (Bahia) 1983 (desc by WA Barthlott & NP Taylor 1995).

† **Hagen**, (Dr) Carl Leonhard (1849–); Ger; PhD at Univ of Bonn;

Book [1873] *Untersuchungen über die Entwicklung und Anatomie der Mesembryanthemeen* Bonn, Ger; 26p; (PhD thesis).

† **Hager**, AA;

Book [1663] *De Aloe aculeata americana quae Chorae, Misniae Oppido, in Horto Conradie Loeseri Anno 1663 Floruit (Agave americana)* Altenburg, Ger; 12p.

† **Hahn**, Adolf (–1954); Ger nurseryman; owner of Hahn's Nursery in Berlin-Lichterfelde, Ger;

species nah:

(Mamm) **hahniana** (Guanajuato, Queretaro) (desc by E Werdermann 1929 & disc by F Schmolli),

(Mediocactus) **hahnianus** (Paraguay) (desc & nah by C Backeberg 1957 & disc by H Blossfeld)

—> **Echinopsis hahniana** by RS Wallace 1997.

Hahn, (Dr) Norbert (28 Apr 1966–); {N.Hahn}; RSA botanist & naturalist; PhD at Pretoria Univ 2006; prof at Institute of Conservation & Natural History of the Soutpansberg, RSA 1988~;

Book [2002] *The Endemic Flora of the Soutpansberg* RSA; (MSc thesis);

disc species:

(Aloe) **hahnii** (Limpopo) 2007 (desc & nah by GF Smith & RR Klopper 2009);

desc species:

(Khadia) **media** [w PJD Winter] (Limpopo) 1999.

Haines, Ben M; US horticulturist in Topeka, Kansas; specialized in cold hardy cacti;

Book [1972] *Handbook of Cold Climate C&S (Plants Which Can Stand Minus 20 to 40 Degrees F.)* Topeka, Kansas; Eng; 65p.

† **Haines**, Henry Haselfoot (12 Apr 1867–6 Oct 1945); {Haines}; British forester in India; worked at Indian Forest Service 1888–1906; conservator of forests 1909–19; FLS 1908;

desc species:

(Euphorbia) **caducifolia** (central India to Pakistan) 1914.

† **Halbinger**, Christian (fl. 1931); Mex City, Mex;

species nah:

(Echeveria) **halbingeri** (Hidalgo) (desc & nah by EE Walther 1958);

disc species:

(Mamm) **halbingeri** (Oaxaca) 1931 (desc & nah by F Boedeker 1933).



Halda, Josef Jakob (7 Dec 1943–); {J.J.Halda}; Czech botanist; explored in Bolivia, Mex, Namibia, RSA & US; spouse J Halda;

Book [1998] *Acta Musei Richnoviensis*; 47p; Vol 5;

desc species:

(Conophytum) **tomasi** (Namaq) 1998 (disc by P Pavelka & na son Tomas Halda),

(Coryphantha) **kracikii** [w P Kupcak, & J Chalupa] (Durango) 2002 (disc by H Swoboda 1982),

(Gymnocalycium) **miltii** [w P Kupcak, E Lukasik & J Sladkovsky] (San Luis) 2002 (disc by J Prochazka),

(Parodia) **slabaiana** [w L Horacek] (Tarija) 2000 (disc by JJ Halda & L Horacek 1998 & na R Slaba),

(Rebutia) **odehnalii** [w V Sorma & V Seda] (Bolivia) 2002 (disc by JJ Halda, J Odehnal & V Seda & na J Odehnal),

(Thelocactus) **multicephalus** [w P Panarotto] (Nuevo Leon) 1998;

desc subsp:

(Turbinicarpus saueri ssp) **nelissae** [w P Panarotto] (Tamaulipas) 1998 (disc by P Panarotto 1985 & na N Panarotto);

transfer species:

"Haworthia woolleyi" (JKL von Poellnitz 1937) —> **Haworthia venosa** ssp **woolleyi** 1997,

"Haworthia xiphiophylla" (JG Baker 1896) —> **Haworthia arachnoidea** var **xiphiophylla** 1997.

Halda, Tomas; father JJ Halda;

species nah:

(Conophytum) **tomasi** (Namaq) (desc & nah by JJ Halda 1998 & disc by P Pavelka).

(Conophytum) **jarmilae** (Namaq) 1998 (disc by P Pavelka 1997 & na Jarmila Halda),

Haldova, [Haldová,] Jarmila; Czech sculptress & bot artist; spouse JJ Halda;

species nah:

(Conophytum) **jarmilae** (Namaq) (desc by JJ Halda 1998 & disc by P Pavelka 1997).

† **Hale**, JP; landowner in Baja Calif; assisted TS Brandegee exploring Magdalena & Santa Margartia Islands late 19th century;

species nah:

(Mamm) **halei** (Lower Calif to Magdalena & Santa Margarita Islands) (desc & nah by TS Brandegee 1889 & disc by him 1889).



Halffter, (Dr hc) Gonzalo; Mex entomologist; founded Instituto de Ecologia in Mex City 1974~; dir of Museum of Natural History in Mex City 1974–82 & dir for scientific development of Natl Council of Science & Technology 1982–86; specialist on ecology, biology & ethology of dung beetles; honorary doctorate from Univ of Alicante 2000;

Book [1957] *Plagas que Afectas a la Distintas Especies de Agave* Mex City; 135p.



Hall, (Dr) Anthony Vincent (22 Apr 1936–); {A.V.Hall}; British to RSA 1949; botanist; PhD at Univ of Cape Town 1963; lecturer, assistant curator & keeper of Bolus Herbarium 1962~; worked on taxonomy & systematics; collected in Cape & Zimbabwe; FLS 1961;

Book [1980] *Threatened Plants of Southern Africa* Pretoria, RSA; 238p,
[1993] *Studies on the Mesemb (Aizoaceae)* [w SM Pierce]; 107p; (editor of);

species nah:

(Lampranthus) **antonii** (Western Cape) (desc & nah by HML Bolus 1966).

Hall, CA;

Book [1982] *Factors Influencing the Population of Sapogenins & other Steroidal Components of Agave sisalana Tissue Culture Components* Georgetown; 395p.



† **Hall, Harry** (22 Jun 1906–18 Feb 1986); {Harry Hall}; British botanist, horticulturist & artist; curator of Darrah C&S Collection at Alexander Park, Manchester, Eng 1933–47; to RSA 1947; horticulturist (under RH Compton) of succ collection at Natl Bot Garden, Kirstenbosch, RSA 1947–68; made some 140 exploration & collection trips throughout s Africa 1947~; worked w

HML Bolus on Mesembs; desc over 100 new plant specimens; interested in Lithops & Conophytum genera; wrote numerous articles on succ; IOS member 1953; CSSA Fellow award 1981; first spouse Wyn Hall (–1963) & second spouse LI Hall;

Book [1955] *Common Succ* Cape Town, RSA; Eng; 32p w 4 color plates (illustrations by E Rice);

genus nah:

Hallianthus (RSA) (desc & nah by HEK Hartmann 1983);

species nah:

(Argyroderma) **hallii** (Western Cape) (desc & nah by HML Bolus 1963),

(Astridia) **hallii** (Cape) (desc & nah by HML Bolus 1958),

(Cephalophyllum) **hallii** (Northern Cape) (desc & nah by HML Bolus 1960),

(Cotyledon) **hallii** (Northern Cape, S Namibia) (desc & nah by HR Tolken 1977 & desc by H Hall)

—> **Tylecodon hallii** by HR Tolken 1978,

(Cylindrophyllum) **hallii** (Northern Cape) (desc & nah by HML Bolus 1960),

(Delosperma) **hallii** (Great Namaq) (desc & nah by HML Bolus 1960) —> **Hartmanthus hallii** by

SA Hammer 1995,

(Dorotheanthus) **hallii** (Cape) (desc & nah by HML Bolus 1958),

(Drosanthemum) **hallii** (Western Cape) (desc & nah by HML Bolus 1967),

(Erepsia) **hallii** (RSA) (desc & nah by HML Bolus 1962),

(Huernia) **hallii** (Namibia) (desc & nah by E & BM Lamb 1958),

(Jacobsenia) **hallii** (Little Namaq, Western Cape) (desc & nah by HML Bolus 1958),

(Lampranthus) **hallii** (Cape) (desc & nah by HML Bolus 1954),

(Othonna) **hallii** (Western Cape) (desc & nah by RB Nordenstam 1964),

(Ruschia) **hallii** (Northern Cape) (desc & nah by HML Bolus 1950) —> **Antimima hallii** by HEK Hartmann

1998,

(Sansevieria) **hallii** (Zimbabwe) (desc & nah by BJ Chahinian 1996),

(Schlechteranthus) **hallii** (Little Namaq) (desc & nah by HML Bolus 1964),

(Senecio) **hallianus** (Western Cape) (desc & nah by GD Rowley 1958),

(Stoeberia) **hallii** (Cape) (desc & nah by HML Bolus 1960) —> **Phiambolia hallii** by C Klak 2003,

(Trichodiadema) **hallii** (Western Cape) (desc & nah by HML Bolus 1950),

(Tylecodon) **hallii** (Namibia, Northern Cape) (desc & nah by HR Tolken 1978 & desc by JF Drege c1834);

disc species:

(Adromischus) **hallii** (Namibia, Northern Cape) 1953 (desc & nah by PC Hutchison 1956)

—> **Adromischus marianiae** var **hallii** by HR Tolken 1978,

(Adromischus) **maximus** (Western Cape) 1953 (desc by PC Hutchison 1959),

(Bulbine) **haworthiodes** [w LI Hall] (Western Cape) (desc by RB Nordenstam 1964),
 (Ceropegia) **occidentalis** (Western Cape) (desc by RA Dyer 1978),
 (Conophytum) **barbatum** (Namaq) 1956 (desc by HML Bolus 1958) —> **Conophytum obscurum** ssp **barbatum** by SA Hammer 1993,
 (Conophytum) **carpianum** (Namaq) 1953 (desc by HML Bolus 1954 & na B Carp),
 (Conophytum) **nudum** (Cape) 1954 (desc by A Tischer 1958) —> **Conophytum minutum** var **nudum** by BK Boom 1973,
 (Cotyledon) **fragilis** (Northern Cape, Western Cape) (desc by RA Dyer 1971) —> **Tylecodon fragilis** by HR Tolken 1978,
 (Cotyledon) **occultans** (Western Cape) (desc by HR Tolken 1977) —> **Tylecodon occultans** by HR Tolken 1978,
 (Cotyledon) **similis** (Northern Cape) (desc by HR Tolken 1977) —> **Tylecodon similis** by HR Tolken 1978,
 (Euphorbia) **hallii** (Northern Cape) 1948 (desc & nah by RA Dyer 1953),
 (Haworthia) **habdomadis** (Western Cape) c1935 (desc by JKL von Poellnitz 1938) —> **Haworthia mucronata** var **habdomadis** by MB Bayer 1999,
 (Lithops) **hallii** (Northern Cape) 1956 (desc & nah by HW de Boer 1957),
 (Stapelia) **choanantha** (Western Cape) 1962 (desc by JJ Lavranos & H Hall 1964) —> **Tromotriche choanantha** by PV Bruyns 1995,
 (Tylecodon) **stenocaulis** (Western Cape) (desc by PV Bruyns 1992);
subsp nah:
 (Argyroderma framesii ssp) **hallii** (desc & nah by HEK Hartmann 1973);
disc variety:
 (Conophytum pellucidum var) **neohallii** (Cape) 1953 (desc & nah by SA Hammer 1993),
 (Cotyledon pygmaea var) **tenuis** (Western Cape) (desc by HR Toelken 1977) —> **Tylecodon tenuis** by PV Bruyns 1992.



† **Hall**, [née Booysen,] Lisabel Irene (24 Jun 1919–2008); {L.I.Hall}; RSA botanist & teacher; BSc at Pretoria Univ 1955; specialized in Bulbine genus; spouse H Hall;

species nah:

(Dorotheanthus) **booyensiae** (Northern Cape) (desc & nah by HML Bolus 1969),
 (Ruschia) **lisabeliae** (Western Cape) (desc & nah by HML Bolus 1966);

disc species:

(Bulbine) **haworthiodes** [w H Hall] (Western Cape) (desc by RB Nordenstam 1964);

desc species:

(Bulbine) **louwii** (Western Cape) 1984 (na P Louw),
 (Bulbine) **margarethae** (Western Cape) 1984 (na Margaretha Wiese),
 (Bulbine) **wiesei** (Western Cape) 1984 (disc by TG Wiese & nah).

Hall, (Dr) Robert Lee (1932–); US botanist; PhD at Univ of Arizona, Tucson 1973; explored Baja Calif & Sonora, Mex;

Book [1973] *A Physiological Genetic Study of the Populations of Idria columnaris KELLOG of Baja Calif & Sonora, Mex* Tucson, Arizona; Eng; 162p (thesis).

† **Hallberg**, F (–1924); {Hallb.};

desc species:

(Euphorbia) **khandallensis** [w E Blatter] (India) 1921.

Halleck, DK;

Book [1974] *Environmental & Hormonal Control of Flowering in Sedum lanceolatum* TORR. (Crassulaceae) Boulder, Colorado; Eng; 236p.

† **Halliday**, Patricia (17 Sep 1930– 19 Feb 2006); {P.Halliday}; British botanist & artist; worked at Kew 1947–90; student of Kleinia & Senecio;

Book [1988] *Noteworthy Species of Kleinia (Hooker's Icones Plantarum Vol XXXIX, Part IV)* Kew, Eng; Eng; 143p; species nah:

(Kleinia) **patriciae** (Tanzania) (desc & nah by C Jeffrey 1986) → **Senecio picticaulis** ssp **patriciae** by GD Rowley 1990;

desc species:

(Kleinia) **saginata** (Arabian Peninsula, Ethiopia, Kenya) 1983 (disc by A Fuller 1968) → **Senecio mweroensis** var **saginitus** by GD Rowley 1990.

† **Hallier**, (Prof) (Dr) Ernst Hans (15 Nov 1831–19 Dec 1904); {Hallier}; Ger botanist & philosopher; PhD at Univ of Jena, Ger 1858 & prof of botany 1865–84; uncle MJ Schleiden;

transfer species:

"Convolvulus crispus" (CP Thunberg 1807) → **Ipomoea crispa** 1893,

"Convolvulus oenotherae" (GH Vatke 1882) → **Ipomoea oenotherae** 1893.

† **Hallier**, (Dr) Johannes [**Hans**] Gottfried (6 Jul 1868–10 Mar 1932); {Hallier f.}; Ger botanist; PhD at Univ of Jena, Ger 1892; at Bot Garden Buitenzorg in Java 1893–97 & at bot museum in Hamburg, Ger 1898–1908; curator at Rijksherbarium in Leiden 1908–22; collected in Indonesia & Philippines 1903–04;

desc genus:

Stictocardia (subtropical & tropical Africa, Asia, Malaysia) 1893;

desc species:

(Ipomoea) **pellita** (Eastern Cape, Mpumalanga) 1893,

(Ipomoea) **welwitschii** (Angola, Namibia, Botswana, Zimbabwe, Zambia, Tanzania, Malawi) 1893 (na FMJ Welwitsch);

transfer species:

"Ipomoea woodii" (NE Brown 1894) → **Stictocardia woodii** 1898.

Hallmann, Peter; Germany;

Book [2017] *Faszination Echinocereen*; Ger; 320p w over 604 color phaos.

Ham, (Dr) Roeland Cornelis Henricus Jacobus van (1964–); {R.C.Ham}; Dutch biologist at Utrecht Univ ≈1995 & researcher in dept of genetics at Univ of Valencia, Spain 1995~; PhD at Utrecht Univ 1994;

Book [1994] *Phylogenetic Implications of Chloroplast DNA Variation in the Crassulaceae* Utrecht, Netherlands; 153p; (thesis).

† **Hamel Smith**, Harold (1867–); British editor of Tropical Life magazine; spouse Clara E Hamel Smith;

Book [1929] *Sisal (Production & Preparation)* London, Eng; 384p.

† **Hamer**, Arthur Handel (19 Jan 1865–3 Oct 1939); British to RSA 1909; nature conservator;

Book [1926] *Wild Flowers of the Cape* Cape Town, RSA; 104p; (12 color prints by Ethel Driscoll & 79 black & white drawings by Doroth Levyns).

Hamet, Raymond — See **Raymond-Hamet**.

†**Hamilton**, Frances L;

Book[1933] *The Desert Garden* Phoenix, Arizona; Eng; 60p; [includes 10 cacti species].

Hamilton, Lord — See C Francis **Buchanan**.



†**Hamilton**, [née Breazeale, Brezeale,] Rachel Lucretia (27 Mar 1908–29 Jun 1986); US bot artist & scientific illustrator; BS in botany & art at Univ of Arizona 1932; spouse Louis Pennock Hamilton II;

Book [1930] Bot artist in *Color Schemes of Cacti* by JM Breazeale, Tucson, Arizona; Eng; 34p w 4 color plates,
[1933] Bot artist in *Arizona Cacti* by WP Stockwell, Tucson; Eng; 116p w 3 color plates,
[1982] Bot artist in *The Cacti of the US & Canada* by LD Benson, Stanford, Calif; Eng; 1,044p.



Hammer, Steven Allen (25 May 1951–); {S.A.Hammer}; US musician, horticulturist, author & lecturer in Belen, New Mex 1985–97; to Vista, Calif, 1997~, where he has a nursery & manages his Sphaeroid Institute; B.A. degree in music from Univ of Calif Santa Cruz 1973; botanist specializing in S African taxa, especially several genera of Mesembryanthemaceae; foremost authority on *Conophytum*; prolific writer for various c&s journals; explored & collected in RSA 1980~; IOS member 1991; CSSA Fellow award 1997; CSSA MKLA award 2019;

Book [1993] *The Genus Conophytum: A Conograph* Pretoria, RSA; Eng; 283p,
[1995] *Piante Grasse Speciale '95 (Conophytums & other Mesembs)* Bologna, Italy; Eng/ Italian; 96p,
[1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w GF Smith, P Chesselet, EJ van Jaarsveld, HEK Hartmann, B van Wyk, P Burgoyne, C Klak & H Kurzwel] Pretoria, Eng; 405,
[1999] *Conophytums: Growing these tiny stonelike succ can be habit forming!* Amer Gardener Magazine; Eng; 6p,
[1999] *Lithops-Treasures of the Veld* Norwich, UK; Eng; 148p; (w 228 color photos by CM Barnhill),
[2001] *Succ, Nature's Sculptural Wonders* NYC; (photography by B Kalman w text in Eng by SA Hammer); 144p,
[2001] *Dumpling & His Wife; New Views of the Genus Conophytum* Norwich, Eng; Eng; 400p w 84 color photos,
[2013] *Mesembs: The Titanopsis Group* Oakland, Calif; Eng; 194p;

genus nah:

Hammeria (Northern Cape, Western Cape) (desc & nah by PM Burgoyne 1998);

desc genera:

Hartmanthus (Namaq) 1995 (na HEK Hartmann),

Vlokia (Western Cape) 1994 (na JHJ Vlok);

disc species:

(Avonia) **mallei** (Northern Cape) 1993 (desc & nah by G Williamson 1995, Latin malleus = hammer),
(Conophytum) **armianum** [w AR Mitchell & G Williamson] (Namaq) 1987 (desc by SA Hammer 1988 & na initials of AR Mitchell),
(Conophytum) **hammeri** (Namaq) 1995 (desc & nah by G Williamson & HC Kennedy 1997),
(Hallianthus) **griseus** (RSA) 1997 (desc by SA Hammer & U Schmiedel 2002) —> **Cephalophyllum**
griseum by HEK Hartmann 2003,
(Tylecodon) **cordiformis** [w C Barnhill] (Namaq) 1966 (desc by G Williamson 1998);

desc *species*:

- (Anacampseros) **bayeriana** (Northern Cape) 1988 (disc by WF Bayer 1950 & na MB & WF Bayer),
(Bergeranthus) **albomarginatus** [w AP Dold] (Eastern Cape) 2005 (disc by AP Dold 1999),
(Bergeranthus) **nanus** [w AP Dold] (Eastern Cape) 2005 (disc by J Bowie 1820),
(Bulbine) **alveolata** (Northern Cape) 2003 (disc by PV Bruyns 1995),
(Bulbine) **bruynsii** (Namaq) 1998 (disc by PV Bruyns & nah),
(Bulbine) **erumpens** (Northern Cape) 2005 (disc by him 1997),
(Bulbine) **lolita** (Western Cape) 2006 (disc by JJ Lavranos 1999),
(Cheiridopsis) **amabilis** (Cape) 1996,
(Cheiridopsis) **delphinoides** (Cape) 1994,
(Cheiridopsis) **gamoepensis** (Cape) 1996,
(Cheiridopsis) **glomerata** (Cape) 1996,
(Cheiridopsis) **ponderosa** (Cape) 1996,
(Cheiridopsis) **volox** (Cape) 1994,
(Conophytum) **achabense** (Cape) 1988 (disc by SA Hammer 1986),
(Conophytum) **antonii** (N Cape) 2009 (disc by Anthony R Mitchell 1989 & nah),
(Conophytum) **arthurofago** (Richtersveld) 2002 (disc by FJ Stayner & na Arthur Tischer & Rolf Rawe),
(Conophytum) **bachelorum** (Namaq) 1993 (disc by AR Mitchell 1979),
(Conophytum) **brunneum** (Namaq) 2001 (disc by E Aslander 1999),
(Conophytum) **bruynsii** (Namaq) 1998 (disc by PV Bruyns 1995 & nah),
(Conophytum) **buysianum** [w AR Mitchell] (Cape) 1988 (disc by TG [Dom Buys] Wiese & nah),
(Conophytum) **chrisocruxum** (Namaq) 1997 (disc by Chris Barnhill 1996 & nah),
(Conophytum) **chrisolum** (Namaq) 1997 (disc by Chris Rodgers 1994 & nah),
(Conophytum) **ernstii** (n Richtersveld) 1988 (disc by Ernst J van Jaarsveld 1986 & nah),
(Conophytum) **francoiseae** (Cape?) 1993 (na Francoise Williamson),
(Conophytum) **hermarium** (Cape?) 2000 (disc by HC Kennedy 1966),
(Conophytum) **herreanthus** (Namaq) 1993 (disc by LG Meyer c1925 & na AGJ Herre),
(Conophytum) **hyracis** (N Cape) 2009 (disc by N Helme, SA Hammer & others 2007),
(Conophytum) **irmae** [w CM Barnhill] (Namaq) 1997 (disc by I Burger, CM Barnhill & SA Hammer 1996 & na I Burger),
(Conophytum) **limpidum** (Namaq) 1993 (disc by W Triebner c1937),
(Conophytum) **lindenianum** [w MG Lavis] (Little Namaq) 1989 (disc by AGJ Herre c1928 & na SL Linden)
—> **Conophytum tantillum** ssp **lindenianum** by SA Hammer 1991,
(Conophytum) **mirabile** [w AR Mitchell] (Namaq) 2001 (disc by AR Mitchell 1980),
(Conophytum) **phoeniceum** (Cape) 1993 (disc by R Dixon 1991),
(Conophytum) **pium** (Western Cape) 2009 (disc by DR Wagner 2003),
(Conophytum) **ratum** (Namaq) 1991 (disc by R Primos 1936),
(Conophytum) **rugosum** (Cape) 1989 (disc by R Rawé 1967),
(Delosperma) **deilanthoides** (Transvaal) 1997,
(Delosperma) **sphalmanthoides** (Cape) 1993 (disc by JJ Lavranos 1989),
(Gibbaeum) **johnstonii** [w EJ van Jaarsveld] (Cape) 1996 (na P Johnston),
(Haworthia) **bayeri** [w JD Venter] (Western Cape) 1997 (na MB Bayer);
(Neohenricia) **spiculata** (Eastern Cape) 1994 (disc by PV Bruyns 1991),
(Lithops) **coleorum** [w R Uijls] (Limpopo) 1994 (na DT & NA Cole),
(Odontophorus) **pusillus** (Little Namaq) 1996,
(Titanopsis) **primosii** (Northern Cape) 2013 (disc by R Primos 1930 & nah),
(Tylecodon) **bruynsii** [w EJ van Jaarsveld] (Namibia) 2009 (disc by PV Bruyns & nah),

(Tylecodon) **opelii** [w EJ van Jaarsveld] (RSA) 2011 (disc by M Opel 2000 & nah),
(Vlokia) **ater** (Western Cape) 1994 (disc by JHJ Vlok 1990);

transfer species:

"*Aloinopsis thudichumii*" (HML Bolus 1954) → ***Deilanthus thudichumii*** 1995,
"Cheiridopsis vanbredai" (HML Bolus 1963) → ***Ihlenfeldtia excavate* ssp *vanbredai*** 2013,
"Conophytum altum" (HML Bolus 1927) → ***Conophytum bilobum* ssp *altum*** 1993,
"Conophytum barbatum" (HML Bolus 1958) → ***Conophytum obscurum* ssp *barbatum*** 1993,
"Conophytum boreale" (HML Bolus 1963) → ***Conophytum lithopsoides* ssp *boreale*** 1993,
"Conophytum buysianum" (AR Mitchell & SA Hammer 1988) → ***Conophytum reconditum* ssp
buysianum** 1993,
"Conophytum ceresianum" (HML Bolus 1975) → ***Conophytum obcordellum* var *ceresianum*** 1993,
"Conophytum cupreatum" (A Tischer 1936) → ***Conophytum pellucidum* ssp *cupreatum*** 1993,
"Conophytum decoratum" (NE Brown 1933) → ***Conophytum uviforme* ssp *decoratum*** 1993,
"Conophytum densipunctum" (HML Bolus 1930) → ***Conophytum quaesitum* ssp *densipunctum*** 1993,
"Conophytum edwardii" (MHG Schwantes 1929) → ***Conophytum piluliforme* ssp *edwardii*** 1993,
"Conophytum eenkokerense" (HML Bolus 1937) → ***Conophytum tantillum* ssp *eenkokerense*** 2002,
"Conophytum ernianum" (A Loesch & A Tischer 1933) → ***Conophytum taylorianum* ssp *ernianum***
1993,
"Conophytum fragile" (A Tischer 1956) → ***Conophytum jucundum* ssp *fragile*** 2002,
"Conophytum haramoepense" (HML Bolus 1937) → ***Conophytum marginatum* ssp *haramoepense***
2002,
"Conophytum helenae" (R Rawe 1971) → ***Conophytum tantillum* ssp *helenae*** 1991,
"Conophytum koubergense" (HML Bolus 1962) → ***Conophytum lithopsoides* ssp *koubergense*** 1993,
"Conophytum leipoldtii" (NE Brown 1922) → ***Conophytum minusculum* ssp *leipoldtii*** 1993,
"Conophytum linearilucidum" (HML Bolus 1937) → ***Conophytum bilobum* var *linearilucidum*** 2001,
"Conophytum lindenianum" (MG Lavis & SA Hammer 1989) → ***Conophytum tantillum* ssp
lindenianum** 1991,
"Conophytum littlewoodii" (HML Bolus 1961) → ***Conophytum marginatum* ssp *littlewoodii*** 2002,
"Conophytum marlothii" (NE Brown 1927) → ***Conophytum jucundum* ssp *marlothii*** 2001,
"Conophytum novicium" (NE Brown 1934) → ***Conophytum lavum* ssp *novicium*** 1993,
"Conophytum polyandrum" (MG Lavis 1934) → ***Conophytum velutinum* ssp *polyandrum*** 1993,
"Conophytum rauhii" (A Tischer 1967) → ***Conophytum uviforme* ssp *rauhii*** 1993,
"Conophytum rolfii" (HW de Boer 1970) → ***Conophytum obcordellum* ssp *rolfii*** 1993,
"Conophytum rostratum" (A Tischer 1957) → ***Conophytum quaesitum* var *rostratum*** 1993,
"Conophytum rubrolineatum" (R Rawe 1971) → ***Conophytum swanepoelianum* ssp *rubrolineatum***
2002,
"Conophytum ruschii" (MHG Schwantes 1938) → ***Conophytum jucundum* ssp *ruschii*** 2002,
"Conophytum stenandrum" (HML Bolus 1961) → ***Conophytum obcordellum* ssp *stenandrum*** 1993,
"Conophytum subincanum" (A Tischer 1960) → ***Conophytum uviforme* ssp *subincanum*** 1993,
"Conophytum sulcatum" (HML Bolus 1963) → ***Conophytum ectypum* ssp *sulcatum*** 1993,
"Conophytum terrestre" (A Tischer 1960) → ***Conophytum pellucidum* ssp *cupreatum* var *terrestre***
1993,
"Conophytum terricolor" (A Tischer 1934) → ***Conophytum pellucidum* var *terricolor*** 2002,
"Conophytum turbiniforme" (R Rawe 1980) → ***Conophytum auriflorum* ssp *turbiniforme*** 1993,
"Conophytum vanzylii" (MG Lavis 1931) → ***Conophytum calculus* ssp *vanzylii*** 1993,
"Conophytum vitreopapillum" (R Rawe 1970) → ***Conophytum obscurum* ssp *vitreopapillum*** 1993,
"Ectotropis alpina" (NE Brown 1927) → ***Delosperma alpinum*** [w AP Dold] 2003,

“Haworthia comptoniana” (GG Smith 1945) —> **Haworthia emelyae** var **comptoniana** [w JD Venter] 1997;

“Mesemb chauviniae” (MHG Schwantes 1920) —> **Conophytum chauviniae** 1993,
“Mesemb elishae” (NE Brown 1916) —> **Conophytum bilobum** var **elishae** 2001,
“Mesemb gracilistylum” (HML Bolus 1913) —> **Conophytum bilobum** ssp **gracilistylum** 1993,
“Mesemb marlothii” (NE Brown 1927) —> **Conophytum marlothii** 1993,
“Mesemb schimperi” (HGA Engler) —> **Delosperma schimperi** [w I Niesler] 1991,
“Mesemb stenophyllum” (HML Bolus 1925) —> **Marlothistella stenophylla** 1995,
“Mesemb tugwelliae” (HML Bolus 1915) —> **Bijlia tugwelliae** 1995,
“Mesemb viridicatum” (NE Brown 1920) —> **Conophytum truncatum** ssp **viridicatum** 1993,
“Ophthalmophyllum latum” (A Tischer 1958) —> **Conophytum maughanii** ssp **latum** 1993,
“Rimaria divergens” (HML Bolus 1937) —> **Vanheerdea divergens** 2013;

disc subsp:

(Conophytum roodiae ssp) **corrugatum** [w TC Smale] (Namaq) 1999 (desc by TC Smale 2000),
(Conophytum tantillum ssp) **amicorum** [w D Tribble, C Rodgers & CM Barnhill] (Namaq) 1996 (desc by CM Barnhill & SA Hammer 1997);

desc subsp:

(Conophytum angelicae ssp) **tetragonum** [w R Rawe] (Richtersveld, Namaq) 1993 (disc by HA Horn c1966),

(Conophytum bachelorum ssp) **sponsaliorum** (Namaq) 1995,
(Conophytum bilobum ssp) **claviferens** (Namaq) 2001 (disc by SA Hammer & JG Marx 1995),
(Conophytum bolusiae ssp) **primavernum** (Cape) 1993 (disc by AR Mitchell 1982),
(Conophytum depressum ssp) **perdurans** (Namaq) 2001 (disc by him & S Brack 1986),
(Conophytum devium ssp) **stiriferum** [w CM Barnhill] (Namaq) 1997 (disc by him & MB Bayer 1987),
(Conophytum ectypum ssp) **cruciatum** (Namaq) 1993 (disc by AR Mitchell 1978),
(Conophytum ectypum ssp) **ignavum** (Namaq) 2001 (disc by C Rodgers & D Tribble 1996),
(Conophytum ernstii ssp) **cerebellum** (Namibia) 1993 (disc by PV Bruyns 1989),
(Conophytum flavum ssp) **novicium** (Cape) 1993,
(Conophytum herreanthus ssp) **rex** (Cape) 1993 (disc by HA Horn c1968),
(Conophytum lithopsoides ssp) **arturolfago** (Cape) 1993 (disc by R Rawe & na Arthur Tischer & Rolf Rawe),

(Conophytum maughanii ssp) **armeniaceum** (Namaq) 1993 (disc by AGJ Herre c1928),
(Conophytum minusculum ssp) **aestiflorens** [w TC Smale] (Western Cape) 2002 (disc by AR Mitchell 1979),

(Conophytum pellucidum ssp) **saueri** [w TC Smale] (Namaq) 2002 (disc by N Sauer & nah),
(Conophytum rugosum ssp) **sanguineum** (Cape) 1990 (disc by WF Barker 1950) —> **Conophytum**

roodiae ssp **sanguineum** by TC male 2000,

(Conophytum smorenskaduense ssp) **hermarium** (Bushmanland) 1991 (disc by Hermias C Kennedy & nah),

(Conophytum stephanii ssp) **abductum** (Cape) 1993,
(Conophytum swanepoelianum ssp) **proliferans** (Cape) 1993 (disc in 1920s),
(Conophytum tantillum ssp) **inexpectatum** (Namaq) 1991 (disc by HEK Hartmann & M Dehn 1986),
(Conophytum taylorianum ssp) **rosynense** (Cape) 1993 (disc by ? Kritzing & EJ van Jaarsveld 1980),
(Conophytum wettsteinii ssp) **francoiseae** (Cape) 1993 (disc by G & Françoise Williamson 1990 & na Françoise Williamson),

(Odontophorus angustifolius ssp) **protoparcooides** (Cape) 1994;

desc variety:

(*Haworthia magnifica* var) **splendens** [w JD Venter] (Western Cape) 1998 (disc by AGJ Herre 1920s),
(*Conophytum pellucidum* var) **neohallii** (Cape) 1993 (disc by H Hall 1953 & nah);

transfer variety:

“*Conophytum edwardsiae* var *albiflorum*” (R Rawe 1971) —> **Conophytum albiflorum** 1993,
“*Conophytum hirtum* var *baradii*” (R Rawe 1981) —> **Conophytum klinghardtense** ssp **baradii** 1993.

† **Hammerschmid**, (Fr) (Dr) Lorenz Justinian [Lorenzo Justiniano] (27 Jun 1914–17 Jun 1970);
Ger missionary; missionary in San Ignacio de Velasco, Bolivia 1947~; collected in Bolivia;

disc species:

(*Echinopsis*) **hammerschmidii** (Santa Cruz B) 1955 (desc & nah by M Cardenas 1956).

Hammouda, MA;

Book [1974] *Flora of Saudi Arabia* [w AM Migahid] Riyadh, Saudi Arabia; Eng; 574p; (1st edition).

† **Hampshire**, John Herbert [Bert] Victor (26 May 1887–3 Apr 1975); British; NCSS Fellow 1955 &
Life Member 1965; spouse Winnie [née Dunn];

Book [1960] *A Guide to C&S Plants* Bradford, Eng; Eng; 40p; (pub by NCSS).

Hamrouni, [El Hamrouni,] A;

Book [1973] *Observations Preliminaires sur certaines Cactees Locales ou Introduites en Tunisie* [w M Sarson];
79p.

Hanacek, [Hanáček,] Pavel (1964–); {Hanacek}; Czech Rep botanist; explored in Yemen 1996–97,
Iran 1999, India 1994–95, RSA & Socotra;

desc species:

(*Rhytidocaulon*) **ciliatum** [wM Ricanek] (Yemen) 2000 (disc by them).

† **Hance**, Alfred; father HF Hance;

species nah:

(*Sedum*) **alfredi** (China, Tibet, Taiwan, Philippines, Korea, Japan) (desc & nah by HF Hance 1870).



† **Hance**, (Dr hc) **Henry Fletcher** (4 Aug 1827–22 Jun 1886); {Hance}; British diplomat &
botanist; diplomat in Hong Kong 1844–61; honorary PhD from Univ of Giessen, Ger 1852; consol in
Whampoa 1861–78, Canton 1878–81 & 1883, Amoy 1886 in China; FLS 1878; collected in China;
spouse Charlotte [née Page] Hance (1846–13 Jun 1911); son A Hance;

desc species:

(*Sedum*) **alfredi** (China, Tibet, Taiwan, Philippines, Korea, Japan) 1870 (na Alfred Hance),
(*Sedum*) **drymarioides** (se China, Taiwan, Japan) 1865.

Hancock, Ken; Canadian horticulturist;

Book [1998] *A Review of the Distribution of the Native Cacti of Canada — w Contributor's Notes* Ottawa,
Ontario, Canada; 115p w 9 color photos; (revised 2003; 216p w 35 color photos).



† **Handel-Mazzetti**, (Baron) (Dr) **Heinrich** Raphael Eduard [Freiherr] von
(19 Feb 1882–1 Feb 1940); {Hand.-Mazz.}; Austrian botanist, mycologist, taxonomist,
phytogeographer & explorer; PhD at Vienna Univ Bot Institute 1907 & researcher in herbarium
1907–12; explored in Turkey 1907 & in China 1913–19; researcher at

Natural History Museum 1923~;

species nah:

(Rhodiola) **handelii** (sw China) (desc & nah by H Ohba 1977);

desc species:

(Sedum) **inconspicuum** (Turkey) 1913.

Hanel, [Hänel, Haenel,] (Miss) Christine;

disc species:

(Raphionacme) **haeneliae** (Namibia) (desc & nah by HJT Venter & AA Verhoeven 1996).

Hani, Shabo; Japanese photographer;

Book [1975] *The Mystery of Cacti* Tokyo, Japan; Japanese; 56p.

† **Hanisch**, Alfred; Ger horticulturist; owner of plant nursery "JC Hanisch", Leipzig, Ger;

Book [1930] *Kakteenpflege im Heim* Leipzig; Ger; 64p.



Hankey, Andrew (fl. 1997); {Hankey}; RSA horticulturist; assistant curator & horticulturist at Walter Sisulu Natl Bot Gardens near Johannesburg, RSA 1993~; explored in RSA & neighboring countries;

desc species:

(Plectranthus) **venteri** [w EJ van Jaarsveld] (Limpopo) 1997 (disc by S Venter & nah);

disc variety:

(Gasteria batesiana var) **dolomitica** [w EJ van Jaarsveld] (Mpumalanga) 1996 (desc by EJ van Jaarsveld & EA van Wyk 2000).



† **Hanna**, (Dr) G* Dallas (24 Apr 1887–20 Nov 1970); {Hanna}; US paleontologist;

PhD at George Washington Univ 1918; curator of paleontology at Calif Academy of Sciences,

Golden Gate Park, San Francisco, Calif 1919~; spouse Elizabeth Frances [née Farquher] Hanna;

Book [1926] *Expedition to the Revillagigedo Islands, Mex, in 1925* San Francisco, Calif; Eng; 113p.

*No full name, just 'G'.

Hanselka, CW;

Book [1989] *Developing Prickly Pears as a Forage, Fruit & Vegetable Resource* [w JC Paschal] Kingsville.

Hansli, [Hänsli, Haensli,] Otto;

Book [c1989] *Mehr Freude durch Kakteen* = "More Joy by Kakteen" [w M Burki] Basel, Ger;

224p w over 100 color photos & designs.

Hanson, MA;

Book [1993] *Dispersal Unidirectional Introgression from Yucca schidigera into Y. baccata (Agavaceae)*; 142p.

† **Hanstein**, (Prof) (Dr) Johannes Ludwig Emil Robert von (15 May 1822–27 Aug 1880); {Hanst.};

Ger botanist; prof of botany at Univ of Bonn, Ger; spouse Wanda [née Hagen] Hanstein (1869–1945);

desc genera:

Alsobia (Mex, Guatemala, Costa Rica) 1854,

Codonanthe (Mex, Lesser Antilles, Central & S Amer to Peru, Bolivia, Brazil) 1854;

transfer species:

"Drymonia punctata" (J Lindley 1842) —> **Alsobia punctata** 1854,
"Hypocyrtia carnososa" (G Gardner 1842) —> **Codonanthe carnososa** 1864,
"Hypocyrtia gracilis" (CFP von Martius 1829) —> **Codonanthe gracilis** 1854.

† **Hara**, (Prof) (Dr) Hiroshi (5 Jan 1911–24 Sep 1986); {H.Hara}; Japanese botanist; PhD in botany at Univ of Tokyo 1934; assistant to full prof at Univ of Tokyo 1934~; made 8 expeditions to eastern Himalayas during his lifetime;

desc species:

(Caralluma) **staintonii** (Nepal) 1977 (na A Stainton),
(Sedum) **tsugaruense** (Japan) 1957 —> **Hylotelephium ussuriense** var **tsugaruense** by H Ohba 1993;

transfer species:

"Sedum ishidae" (K Miyabe & Y Kudo 1921) —> **Rhodiola ishidae** 1937;

desc variety:

(Sedum alfredii var) **nagasakianum** (Japan) 1947 —> **Sedum nagasakianum** by H Ohba 1981;

transfer variety:

"Cotyledon malacophylla var boehmeri" (T Makino 1902) —> **Orostachys boehmeri** 1935.

Harders, Casper Lucas;

Book [1940] *Bijdrage tot de Kennis van de Curacao—Aloe en van hare Opsporing* Delft, Netherlands; Dutch; 200p + 7 plates; (thesis).



† **Hardy**, David Spencer (24 Sep 1931–31 May 1998); {D.S.Hardy};

RSA horticulturist, cultivator & collector of succ plants; technician at

Veterinary Research Institute, Onderstepoort, RSA 1951–58; curator at Bot Research Institute,

Pretoria, RSA 1958–91; explored & collected in RSA, Namibia & Mada 1969–72, Angola 1972,

Comoro Island 1973 & Mauritius 1974; specialized in S African succ, especially Aloes; honorary VP of S African Succ Soc; IOS member 1980; honorary life member of S African Association of Botanists & awarded their Certificate of Merit 1990; CSSA Fellow award 1991; spouse Pat Hardy;

Book [1971] *Aloes of the South African Veld* [w CH Bornman] Johannesburg, RSA; Eng; 298p w 146 color plates; (paintings by H Bornman),

[1992] *Succ of the Transvaal* [w G Germishuizen & art illustrations by A Fabian] RSA; Eng/Afrikaans; 138p w 56 color plates,

[2000] *Aloaceae: Aloe – Flora of Southern Africa* [w HF Glen]; 172p;

species nah:

(Aloe) **hardyi** (Mpumalanga) (desc & nah by HF Glen 1987),

(Cynanchum) **hardyi** (Mada) (desc & nah by SL Liede & U Meve 1996),

(Cyphostemma) **hardyi** (Northern Prov) (desc & nah by E Retief 1981),

(Stapelianthus) **hardyi** (Mada) (desc & nah by JJ Lavranos 1971),

(Strumaria) **hardyana** (Namibia) (desc & nah by D & U Müller-Doblies 1985),

(Stultitia) **hardyi** (desc & nah by RA Dyer 1963) —> **Orbea hardyi** by PV Bruyns 2000;

disc species:

(Brachystelma) **delicatum** (Eastern Cape) 1965 (desc by RA Dyer 1976),

(Brachystelma) **discoideum** (Zimbabwe) (desc by RA Dyer 1973),

(Brachystelma) **parvulum** (Limpopo) 1977 (desc by RA Dyer 1978),

(Cotyledon) **singularis** (Namibia) 1968 (desc by RA Dyer 1970) —> **Tylecodon singularis** by HR Tolken

1978;

desc species:

(Aloe) **erinacea** (Namibia) 1971 (disc by J Botha 1967) —> **Aloe melanacantha** var **erinacea** by GD Rowley 1980,
(Aloe) **fouriei** [w HF Glen] (Mpumalanga) 1987 (na SP Fourie),
(Aloe) **pictifolia** (Eastern Cape) 1976,
(Aloe) **prinslooii** [w IC Verdoorn] (Natal) 1965 (disc by G Prinsloo 1964 & nah),
(Haworthia) **koelmaniorum** [w AA Obermeyer] (Mpumalanga) 1967 (disc by A Koelman 1963 & nah & spouse),
(Stapelianthus) **pilosus** [w JJ Lavranos] (Mada) 1961;

transfer species:

"Aloe davyana" (S Schonland 1904) —> **Aloe greatheadii** var **davyana** [w HF Glen] 1987,
"Aloe karasbergensis" (NS Pillans 1928) —> **Aloe striata** ssp **karasbergensis** [w HF Glen] 1987,
"Aloe komaggasensis" (K Kritzinger & EJ van Jaarsveld 1985) —> **Aloe strata** ssp **komaggasensis** [w HF Glen] 1987,
"Aloe woolliana" (IB Pole-Evans 1934) —> **Aloe chortolirioides** var **woolliana** [w HF Glen] 1987;

desc subsp:

(Aloe cooperi ssp) **pulchra** [w HF Glen] (Natal, Swaziland) 1987,
(Aloe marlothii ssp) **orientalis** [w HF Glen] (Natal, Mozambique) 1987;

variety nah:

(Euphorbia platyclada var) **hardyi** (Mada) (desc & nah by WHH Rauh 1970);

desc variety:

(Aloe reitzii var) **vernalis** (Natal) 1981,
(Edithcolea grandis var) **baylissiana** [w JJ Lavranos] 1963 (na RDA Bayliss).

† **Hardy**, Robert Wm Hale (1794–30 Jul 1871); British; Lt in British Royal Fleet; explored in mainland Mex and Baja Calif along the Gulf of Calif 1825–28; Fellow of Royal Astronomical Soc;

Book [1829] *Travels in the Interior of Mex in 1825, 1826, 1827 & 1828* London, Eng; Eng; 540p; (reprint 1977 w 558p).

† **Hare**, Raleigh Frederick (1870–1934); {Hare}; US chemist; prof of chemistry at College of Agriculture & Mechanic Arts, New Mex;

Book [1907] *Summary of Recent Investigations of the Value of Cacti as Stock Food* [w D Griffiths] DC; Eng; 16p,
[1907] *The Tuna as Food for Man* [w D Griffiths] Las Cruces, New Mex; Eng; 90p,
[1908] *Experiments on the Digestibility of Prickly Pear by Cattle* Santa Fe, New Mex; Eng; 38p.

Hargous, Sabine;

Book [1993] *Mexique (l'Homme et l'Agave)* [w T Vogel] Paris, France; 142p.



Hargreaves, (Prof) (Dr) Bruce James (18 Apr 1942–); {Hargr.}; US botanist & natural historian; in peace corps & explored in Malawi, RSA 1965–68; PhD in parasitology at New York Univ 1974 & lecturer 1974–76; lecturer of parasitology at Univ of Malawi 1976–81; prof of botany & dir of herbarium & bot gardens at Natl Univ of Lesotho, Roma 1983–88;

senior curator of natural history at Natl Museum, Gaborone, Botswana 1989–96 & principal curator 2001–07; IOS member 1987; interested in genus Euphorbia; spouse Pauline [Polly] Hargreaves;

Book [1987] *Succ Spurges of Malawi* Roma; Eng; 89p,

[1990] *The Succ of Botswana* Gaborone; Eng; 20p;

desc species:

(Crassula) **qoatlhambensis** (Lesotho) 1992,

(*Monadenium*) **mafinense** (Zambia, Malawi) 1981.

Harriot, Thomas — See **Harriot**, Thomas

Harland, Wm [Bill] & **Sybil**; Australian succ plant enthusiasts;

Bill was pres of C&SS of New South Wales 10 yrs;

Book [1981] *Growing C&S in Australia & New Zealand* Kenthurst, Australia; Eng; 80p w 192 color photos.



Harle, Kenneth W; Eng succ plant specialist; owner of large succ nursery at Lower Basildon, near Reading, Eng 1940s & 50s;

Book [c1951] *Raising Succ from Seed* Birkshire, Eng; Eng; 15p.



Harley, (Dr) Madeline M; British palynologist & botanist; PhD on palm pollen & fossil record at Univ of East London 1996; dir of palynology at Kew; interested in pollen of living & fossil plants; FLS;

Book [1989] *Beiselia mexicana (Burseraceae) & its Affinities* [w PE Brandham, LL Forman & TJ Lawrence]; 31p;

disc species:

(*Pilosocereus*) **azulensis** [w NP Taylor & DC Zappi] (Minas Gerais) 1988 (desc by NP Taylor & DC Zappi 1997).

† **Harlow**, (Capt) Charles Henry (?1854–1931?); US naval officer; commandant of Guantánamo Naval Station, Cuba 1908–09 & helped JN Rose explore at the Station 1909);

species nah:

(Cactus) **harlowii** (Cuba) (desc & nah by NL Britton & JN Rose 1912) —> **Melocactus harlowii** by FKJ Vaupel 1912.

† **Harms**, Hermann August Theodor (16 Jul 1870–27 Nov 1942); {Harms}; Ger botanist & taxonomist; prof of botany at Prussian Academy of Science; editor of *Pflanzenreich* 1900~;

desc genus:

Cyclantheropsis (Tropical Africa, Mada) 1896;

species nah:

(*Echeveria*) **harmsii** (Oaxaca) (desc & nah by JF Macbride 1931 & disc by JN Rose & RH Hay c1930);

desc species:

(*Adenia*) **dolichosiphon** (Tanzania, Mozambique) 1936,

(*Adenia*) **ellenbeckii** (Ethiopia, Somalia, Uganda, Kenya, Tanzania) 1921 (na H Ellenbeck),

(*Adenia*) **goetzei** (Tanzania, Zambia Zaire, Zimbabwe) 1902 (na W Goetze),

(*Adenia*) **keramanthus** (Tanzania, Kenya) 1893,

(*Adenia*) **lindiensis** (Tanzania, Kenya) 1936,

(*Adenia*) **malangeana** (Angola) 1923,

(*Adenia*) **scheffleri** [w HGA Engler] (Tanzania, Kenya, Zambia, Malawi) 1921 (na G Scheffler) —> **Adenia**

lanceolata ssp **scheffleri** by WJ de Wilde 1969,

(*Adenia*) **schliebenii** (Tanzania, Mozambique) 1936 (na HJE Schlieben),

(*Adenia*) **stenodactyla** (Tanzania, Kenya) 1923,

(*Adenia*) **volkensii** (Tanzania, Kenya) 1895 (na GLA Volkens),

(*Adenia*) **wilmsii** (Mpumalanga) 1899 (na F Wilms),

(Erythrina) **baumii** (Angola, Congo, Zambia) 1903 (na H Baum),
(Erythrina) **decora** (Namibia) 1913,
(Meloethria) **pallidinervia** (Uganda, Kenya, Tanzania, Mozambique) 1923 —> **Zehneria pallidinervia** by
C Jeffrey 1962;

transfer species:

"Echinothamnus pechuellii" (HGA Engler 1891) —> **Adenia pechuelli** 1897,
"Gerrardanthus parviflorus" (CA Cogniaux 1881) —> **Cyclantheropsis parviflora** 1896,
"Modecca gummifera" (WH Harvey 1862) —> **Adenia gummifera** 1897,
"Ophiocaulon firingalavensis" (HL Jumelle 1903) —> **Adenia firingalavensis** 1925.

† **Harperath**, Fr;

disc species:

(Echinocactus) **rhodantherus** (La Rioja) 1931 (desc by F Boedeker 1934) —> **Gymnocalycium
rhodantherum** by C Backeberg 1936.



† **Harriman**, [née Williamson Averell,] Mary (22 Jul 1851–7 Nov 1932); US socialite &
philanthropist; spouse Edward Henry Harriman (1848–1909), a railroad magnate;

species nah:

(Yucca) **harrimaniae** (Nevada, Utah, Colorado, Arizona, New Mex) (desc & nah by
WA Trelease 1902 & disc by CC Parry 1874).



† **Harriot**, [Harriott, Hariot, Heriot] Thomas (1560–2 Jul 1621); British botanist,
mathematician, astronomer, ethnographer, translator & historian; graduated at
Oxford Univ 1580; worked for Sir Walter Raleigh from 1580; explored in New World Virginia as
historian & surveyor 1585–86; pub a *Briefe & True Report* 1588 of his time in Virginia;

genus nah:

Hatoria (desc & nah by NL Britton & JN Rose 1915) (anagram of his name since Hariota was previously
used for another plant genus);

disc species:

(Agave) **virginica** (Texas to Atlantic Ocean) 1586 (desc by CLinnaeus 1753),
(Yucca) **gloriosa** 1586 (desc by CLinnaeus 1753).

Harris, WA;

disc species:

(Cotyledon) **sulphurea** (Northern Cape) (desc by HR Toelken 1977) —> **Tylecodon sulphureus** by
HR Toelken 1978.

† **Harris**, Wm H (15 Nov 1860–11 Oct 1920); {Harris}; Irish botanist & gardener; at Kew Gardens
1879–1908; superintendent of Public Gardens & Plantations of Jamaica 1908–17; collected in Jamaica
1908–17; FLS 1899;

genus nah:

Harrisia (Bolivia, Argentina, Brazil, Bahamas, Dominican Rep, Cuba, Jamaica, Haiti, Puerto Rico,
Uruguay, Florida, Paraguay) (desc & nah by NL Britton 1908);

species nah:

(Agave) **harrisii** (Jamaica) (desc & nah by WA Treleast 1913);

desc species:

(*Rhipsalis*) **jamaicensis** [w NL Britton] (Jamaica, Haiti) 1909 —> **Pseudorhipsalis ramulosa** ssp **jamaicensis** by AB Doweld 2002.

† **Harris**, (Dr) Wm **Victor** (1905–2000); British government entomologist in Tanganyika & Uganda, & in Kenya 1949–52, as specialist on termites; editor of CSSGB Journal 1971–76;

disc species:

(Euphorbia) **proballyana** (Tanzania) 1943 (desc by LC Leach 1968 & na PR Bally),
(Monadenium) **arborescens** (Tanzania) 1943 (desc by PRO Bally 1959).

† **Harris**, [née Borlase,] Zoë Anne (26 Jul 1895–Sep 1970); RSA; collected plants on farm near Modder River Station; spouse Eric Harris (1893–);

species nah:

(Delosperma) **zoeae** (Northern Cape) (desc & nah by HML Bolus 1935).

† **Harrison**, Wm; collected in Brazil c1825;

disc species:

(*Rhipsalis*) **pachyptera** (Brazil) c1825 (desc by LKG Pfeiffer 1837).



† **Hart**, (Dr) Henk 't (24 Jul 1944–22 Jul 2000); {'t Hart}; Dutch botanist; scientific assistant at Utrecht Univ, Netherlands 1971~; PhD on *Sedum* at Utrecht Univ 1978; Crassulaceae specialist; DNA scientist; IOS member 1987;

Book [1978] *Biosystematic Studies in the Acre-Group & in the Series Rupestris BERGER of the genus Sedum L. (Crassulaceae)* Utrecht; 153p; (PhD thesis),

[1995] *Evolution & Systematics of the Crassulaceae* [w U Eggli] Leiden, Netherlands; 192p; (editors),

[2003] *Sedums of Europe — Stonecrops & Wallpeppers* [w U Eggli] Lisse, Netherlands; Eng;

125p w 58 color plates;

[2003] *Sedum* section w B Bleij of *Illustrated Handbook of Succ Plants (Crassulaceae)* by editor Urs Eggli;

desc species:

(*Sedum*) **apoleipon** (Greece) 1983,
(*Sedum*) **euxinum** [w K Alpinar] (Turkey, Armenia) 1991,
(*Sedum*) **fragrans** (France) 1983,
(*Sedum*) **inca** [w K Alpinar] (Turkey) 1999,
(*Sedum*) **plicatum** [w J Thiede] (Ancash) 1999,
(*Sedum*) **ursi** (Turkey) 1990 (na Urs Eggli);

transfer species:

"*Cotyledon decipiens*" (JG Baker 1870 —> ***Sedum decipiens*** [w J Thiede] 1999,

"*Cotyledon weberbaueri*" (FLE Diels 1906) —> ***Sedum weberbaueri*** [w J Thiede] 1999,

"*Diopogon allionii*" (CTA Jordan & JP Fourreau 1868) —> ***Sempervivum globiferum* ssp *allionii*** [w B Bleij] 1999,

"*Rosularia muratdaghensis*" (K Tan 1989) —> ***Prometheum muratdaghense*** 1999,

"*Rosularia rechingeri*" (C-A Jansson 1966) —> ***Prometheum rechingeri*** 1995,

"*Sedum aizoon*" (C Linnaeus 1753) —> ***Phedimus aizoon*** 1995,

"*Sedum caricum*" (AL Carlstrom 1985) —> ***Sedum eriocarpum* ssp *caricum*** 1996,

"*Sedum ellacombianum*" (RL Praeger 1917) —> ***Phedimus ellacombianus*** 1995,

"*Sedum floriferum*" (RL Praeger 1918) —> ***Phedimus floriferus*** 1995,

"*Sedum hybridum* (C Linnaeus 1753) —> ***Phedimus hybridus*** 1995,

"*Sedum litorale*" (VL Komarov 1932) → ***Phedimus litoralis*** 1995,
 "*Sedum middendorffianum*" (CJ Maximowicz 1859) → ***Phedimus middeendorffianus*** 1995,
 "*Sedum obtusifolium*" (CA von Meyer 1831) → ***Phedimus obtusifolius*** 1995,
 "*Sedum odontophyllum*" (HA Froderstrom 1932) → ***Phedimus odontophyllus*** 1995,
 "*Sedum porphyreum*" (CGT Kotschy 1865) → ***Sedum eriocarpum* ssp *porphyreum*** 1996,
 "*Sedum selskianum*" (RK Maack & EA von Regel 1861) → ***Phedimus selskianus*** 1995,
 "*Sedum sichotense*" (VN Voroschilov 1961) → ***Phedimus sichotensis*** 1995.
 "*Sedum sikokianum*" (CJ Maximowicz 1893) → ***Phedimus sikokianus*** 1995,
 "*Sedum spurium*" (FAM von Bieberstein 1808) → ***Phedimus spurius*** 1995,
 "*Sedum stevenianum*" (G Camus & GCC Rouy 1901) → ***Phedimus stevenianus*** 1995,
 "*Sedum stoloniferum*" (SG Gmelin 1774) → ***Phedimus stoloniferus*** 1995,
 "*Sedum takesimense*" (T Nakai 1919) → ***Phedimus takesimensis*** 1995,
 "*Sedum tymphaeum*" (PA Quezel & J Contandriopoulos 1967) → ***Prometheum tymphaeum*** 1995,
 "*Sedum zokuriense*" (T Nakai 1939) → ***Phedimus zokuriensis*** 1995;
 "*Sempervivum arenarium*" (WDJ Koch 1837) → ***Sempervivum globiferum* ssp *arenarium*** [w B Bleij] 1999,
 "*Sempervivum hirtum*" (C Linnaeus 1755) → ***Sempervivum globiferum* ssp *hirtum*** [w B Bleij] 1999,
 "*Umbilicus chrysacanthus*" (P-E Boissier 1849) → ***Prometheum chrysacanthum*** 1995,
 "*Umbilicus serpentinicus*" (E Werdermann 1938) → ***Prometheum serpentinicum*** 1995,
 "*Villadia reniformis*" (HJH Jacobsen 1958) → ***Sedum reniforme*** [w J Thiede] 1999;

desc subsp:

(*Sedum eriocarpum* ssp) ***apertiflorum*** (Greece) 1996,
 (*Sedum eriocarpum* ssp) ***orientale*** (Near East) 1996,
 (*Sedum eriocarpum* ssp) ***spathulifolium*** (Greece, Crete) 1996,
 (*Sedum laconicum* ssp) ***pallidum*** (Lebanon, Israel) 1991,
 (*Sedum montanum* ssp) ***orientale*** (Austria, Slovenia, Switzerland, Italy) 1978,
 (*Sedum rupestre* ssp) ***erectum*** (Italy) 1978,
 (*Sedum samium* ssp) ***micranthum*** (Turkey) 1991;

transfer subsp:

"*Sedum annum* ssp *epiroticum*" (A Baldacci 1989) → ***Sedum eriocarpum* ssp *epiroticum*** 1996,
 "*Sedum rubens* ssp *delicum*" (desc by FKM Vierhapper 1919) → ***Sedum eriocarpum* ssp *delicum*** 1996;

desc variety:

(*Sedum creticum* var) ***monocarpicum*** (Greece) 1989,
 (*Sedum litoreum* var) ***creticum*** (Crete) 1996;

transfer variety:

"*Rosularia serpentina* var *gigantea*" (U Eggli 1987) → ***Prometheum serpentinicum* var *giganteum*** 1999,
 "*Sedum alpestre* var *horakii*" (J Rohlena 1904) → ***Sedum grisebachii* var *horakii*** 1983.

† **Hart**, James **Alan** (1928–16 Oct 2015); {J.A.Hart}; GB; joined NCSS 1952 & qualified judge 1967~;
 IOS member 1974; RHM 1992; BCSS Fellow 2000; explored in N Cape, RSA;

Book [1971] *Sedums: Some Observations on the Genus by a Study Group of the Succ Plant Institute* [w TC Wrigley] Surrey, Eng; Eng; 56p; (editors of);

disc species:

(Tylecodon) ***bodleyae*** (Northern Cape) 1983 (desc & na E Bodley by EJ van Jaarsveld 1992).



† **Harting**, (Prof) (Dr med) Pieter (27 Feb 1812–3 Dec 1885); {Harting}; Dutch physician, pharmacologist, biologist & microscopist; MD at Utrecht Univ 1835; prof of natural philosophy & zoology at Utrecht Univ 1843~; editor of *Album der Natuur* 1857~; first to explore cell tissue in cacti in 1833; spouse Catherine Susanna [née Goetzee] Harting;

Book [1842] *Bijdrage Tot de Anatomie der Cacteen* Leiden, Netherlands; Ger; 64p.

Hartlieb, Rudolf;

Book [1951] *Kakteen, Orchideen und Carnivoren* Wien, Ger; Ger; 56p.



† **Hartmann**, [née Osterwald,] (Dr) Heidrun [**Heidi**] Elsbeth Klara (5 Aug 1942–11 Jul 2016); {H.E.K.Hartmann}; Ger botanist; PhD thesis on *Argyroderma* 1973 w a P.D. (Privatdozent) title on the subtribe Leipoldtiinae; systematic botanist at Institut für Allgemeine Botanik, Univ of Hamburg, Ger 1970~; explored & collected in Ghana 1971 & in Kenya & Tanzania 1987, 1988, 1989 & 1990 & in Zimbabwe in 1988 all w LE Newton, RSA & later in Asia; primary interest on taxonomy & phylogeny of Mesembs; IOS member 1971; Monaco Cactus d'Or award 2012; CSSA Fellow award 2015; spouse Wilfried Hartmann;

Book [1977] *A Monograph of the Genus Argyroderma N.E.Br. (Mesembryanthemaceae Fenzl.)* Hamburg, Ger; Ger; 236p w black line drawings,

[1979] *Scanning Electron Microscope Studies of the Leaf Epidermis in Some Succ* [w D Cutler] Mainz, West Ger; Eng; 50p,

[1983] *Untersuchungen zum Merkmalsbestand und zur Taxonomic der Subtribus Leipoldtiinae (Mesembryanthemaceae)*; Ger; 67p w 16 plates,

[1991] *Mesemb, in Systematics Biology & Evolution of some S African Taxa*; Eng; 83p,

[1991] *Systematics, Biology & Evolution of some South African Taxa* {w P Goldblatt, EGH Oliver, HP Linder, BE van Wyk] Cape Town, RSA; 288p,

[1993] *Studies on the Mesemb (Aizoaceae)* [w D Stuber, W Wisura & HF Glen] Cape Town, RSA; Eng; 107p,

[1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w GF Smith, P Chesselet, EJ van Jaarsveld, SA Hammer, B van Wyk, P Burgoyne, C Klak & H Kurzwell] Pretoria, RSA; Eng; 405p,

[2001] *Illustrated Handbook of Succ Plants on Aizoaceae* Berlin, Ger; Eng edition; (in 2 Vols); as editor;

[2001] Vol 2; *Aizoaceae A-E*; 285p + 48p of color plates w 384 photos;

[2001] Vol 3; *Aizoaceae F-Z*; 371p + 48p of color plates w 384 photos;

genus nah:

Hartmanthus (Namaq) (desc & nah by SA Hammer 1995);

desc genera:

Hallianthus (Little Namaq, Western Cape) 1983 (na H Hall),

Ihlenfeldtia (RSA) 1992 (na H-D Ihlenfeldt),

Jordaaniella (Namibia, coastal regions of Northern Cape & Western Cape) 1983 (na PG Jordaan),

Tanquana [w SL Liedt] (Western Cape) 1986,

Vanheerdea (Little Namaq) 1992 (na P van Heerde);

species nah:

(Gibbaeum) **hartmannianum** (Western Cape) (desc & nah by J Thiede & IM Niesler 2012);

desc species:

(Aloe) **lolwensis** [w LE Newton] (Kenya) 1989 (desc by LE Newton 2001);

☼ desc species:

(Acrodon) **quarcicola** (Cape) 1996,

(Amphibolia) **obscura** (Namaq) 1998,
 (Antimima) **aurasensis** (Namibia) 1996,
 (Arenifera) **pungens** (Namaq) 1996,
 (Bijlia) **dilatata** (Western Cape) 1992,
 (Cephalophyllum) **caespitosum** (Western Cape) 1981,
 (Cephalophyllum) **numeesense** (Namaq) 1989,
 (Cephalophyllum) **spissum** (Western Cape) 1989,
 (Cephalophyllum) **tetrastichum** (Namaq) 1989,
 (Drosanthemum) **deciduum** [w C Bruckmann] (Western Cape) 2000,
 (Gibbaeum) **haaglenii** (Western Cape) 2001,
 (Khadia) **alticola** [w P Chesselet] (Natal) 1995,
 (Lampranthus) **arenarius** (Northern Cape) 1998,
 (Lampranthus) **francesiae** (Western Cape) 1998 (na Frances M Leighton),
 (Lampranthus) **pakpassensis** (Western Cape) 1998,
 (Leipoldtia) **lunata** [w S Rust] (Little Namaq) 1995,
 (Polymita) **steenbokensis** (Little Namaq) 1996,
 (Psammophora) **saxicola** (Namibia) 1996,
 (Ruschia) **centrocapsula** [w D Stuber] (Little Namaq) 1993,
 (Ruschia) **scabra** (Northern Cape) 1996,
 (Ruschia) **vetovalida** (RSA) 1998,
 (Stoeberia) **porphyrea** (Namaq) 1996;

transfer species:

“Argyroderma hallii” (HML Bolus 1963) → **Argyroderma framesii** ssp **hallii** 1973,
 “Cephalophyllum cupreum” (HML Bolus 1929) → **Jordaaniella cuprea** 1984,
 “Cephalophyllum frutescens” (HML Bolus 1954) → **Leipoldtia frutescens** 1983,
 “Cephalophyllum uniflorum” (HML Bolus 1929) → **Jordaaniella uniflora** 1984,
 “Cheiridopsis excavata” (HML Bolus 1937) → **Ihlenfeldtia excavata** 1992,
 “Cheiridopsis hilmari” (HML Bolus 1932) → **Deilanthus hilmari** 2002,
 “Cheiridopsis minima” (A Tischer 1927) → **Antimima minima** 1998,
 “Cheiridopsis parvibracteata” (HML Bolus 1929) → **Cephalophyllum parvibracteatum** 1989,
 “Cheiridopsis parvulum” (FR Schlechter 1899) → **Cephalophyllum parvulum** 1989,
 “Cheiridopsis vanzylii” (HML Bolus 1929) → **Ihlenfeldtia vanzylii** 1992,
 “Delosperma angustifolium” (HML Bolus 1954) → **Corpuscularia angustifolia** 2001,
 “Delosperma angustipetalum” (MG Lavis 1967) → **Corpuscularia angustipetala** 2001,
 “Delosperma appressum” (HML Bolus 1961) → **Corpuscularia appressa** 2001,
 “Delosperma britteniae” (HML Bolus 1928) → **Corpuscularia britteniae** 2001,
 “Delosperma gracile” (HML Bolus 1961) → **Corpuscularia gracilis** 2001,
 “Delosperma hallii” (HML Bolus 1960) → **Hartmanthus hallii** 1995,
 “Delosperma longipes” (HML Bolus 1929) → **Drosanthemum longipes** 2001,
 “Delosperma pergamentaceum” (HML Bolus 1927) → **Hartmanthus pergamentaceus** 1995,
 “Fenestraria aurantiaca” (NE Brown 1927) → **Fenestraria rhopalophylla** var **aurantiaca** 1982,
 “Hallianthus griseus” (SA Hammer & U Schmiedel 2002) → **Cephalophyllum griseum** 2003,
 “Hereroa albanensis” (HML Bolus 1950) → **Rhombophyllum albanense** 1998,
 “Hereroa dyeri” (HML Bolus 1928) → **Rhombophyllum dyeri** 1998,
 “Hymenocyclus smithii” (HML Bolus 1927) → **Malephora smithii** 2001,
 “Lampranthus compressus” (HML Bolus 1938) → **Oscularia compressa** 1998,
 “Lampranthus ornatus” (HML Bolus 1939) → **Oscularia ornata** 1998,

"Lampranthus prasinus" (HML Bolus 1939) → **Oscularia prasina** 1998,
 "Lampranthus vredenburgensis" (HML Bolus 1965) → **Oscularia vredenburgensis** 1998,
 "Leipoldtia grandifolia" (HML Bolus 1938) → **Liepoldtia weigangiana** ssp **grandifolia** [w S Rust] 1995,
 "Leipoldtia littlewood" (HML Bolus 1962) → **Liepoldtia weigangiana** ssp **littlewoodii** [w S Rust] 1995,
 "Mesemb alboroseum" (HML Bolus 1928) → **Leipoldtia alborosea** [w D Stuber] 1993,
 "Mesemb album" (HML Bolus 1932) → **Oscularia alba** 1998,
 "Mesemb biforme" (NE Brown 1929) → **Antimima biformis** 1998,
 "Mesemb brevicolle" (NE Brown 1929) → **Antimima brevicollis** 1998,
 "Mesemb canum" (AH Haworth 1795) → **Pleiospilos compactus** ssp **canus** [w SL Liede] 1986,
 "Mesemb cedarbergense" (HML Bolus 1935) → **Oscularia cedarbergensis** 1998,
 "Mesemb clavifolium" (HML Bolus 1927) → **Jordaaniella clavifolia** 1983,
 "Mesemb comptonii" (HML Bolus 1924) → **Oscularia comptonii** 1998,
 "Mesemb condensum" (NE Brown 1929) → **Antimima condensa** 1998,
 "Mesemb copiosum" (HML Bolus 1932) → **Oscularia copiosa** 1998,
 "Mesemb cradockense" (CEO Kuntze1898) → **Ruschia cradockensis** [w D Stuber] 1993,
 "Mesemb curviflorus" (AH Haworth 1821) → **Lampranthus curviflorus** 1998,
 "Mesemb dasyphyllum" (FRR Schlechter 1899) → **Antimima dasyphylla** 1998,
 "Mesemb dekenahi" (NE Brown 1929) → **Antimima dekenahi** 1998,
 "Mesemb dielsianum" (A Berger 1922) → **Ruschia dielsiana** 1998,
 "Mesemb distans" (HML Bolus 1927) → **Antimima distans** 1998,
 "Mesemb dolomiticum" (MK Dinter 1923) → **Antimima dolomitica** 1998,
 "Mesemb drepanophyllum" (FRR Schlechter & A Berger 1922) → **Esterhuysenia drepanophylla** 1998,
 "Mesemb dubium" (AH Haworth 1803) → **Jordaaniella dubia** 1984,
 "Mesemb eendornense" (MK Dinter 1928) → **Antimima eendornensis** 1998,
 "Mesemb evolutum" (NE Brown 1913) → **Antimima evoluta** 1998,
 "Mesemb excedens" (HML Bolus 1932) → **Oscularia excedens** 1998,
 "Mesemb graniticum" (HML Bolus 1927) → **Antimima granitica** 1998,
 "Mesemb guthriae" (HML Bolus 1927) → **Oscularia guthriae** 1998,
 "Mesemb hantamense" (HGA Engler 1909) → **Antimima hantamensis** [w D Stuber] 1993,
 "Mesemb intricatum" (NE Brown 1926) → **Ruschia intricata** [w D Stuber] 1993,
 "Mesemb ivori" (NE Brown 1929) → **Antimima ivori** 1998,
 "Mesemb klaverense" (HML Bolus 1927) → **Antimima klaverensis** 1998,
 "Mesemb laeve" (W Aiton 1789) → **Amphibolia laevis** 2001,
 "Mesemb lawsonii" (HML Bolus 1927) → **Antimima lawsonii** 1998,
 "Mesemb leucantherum" (HML Bolus 1925) → **Antimima leucanthera** 1998,
 "Mesemb limbatum" (NE Brown 1929) → **Antimima limbata** 1998,
 "Mesemb lunatum" (KL von Willdenow 1809) → **Oscularia lunata** 1998,
 "Mesemb microphyllum" (AH Haworth 1803) → **Antimima microphylla** 1998,
 "Mesemb mucronatum" (AH Haworth 1803) → **Antimima mucronata** 1998,
 "Mesemb nuciforme" (AH Haworth 1795) → **Gibbaeum nuciforme** [w HF Glen] 2001,
 "Mesemb ochraceum" (A Berger 1908) → **Malephora ochracea** 2001,
 "Mesemb paardebergense" (HML Bolus 1930) → **Oscularia paardebergensis** 1998,
 "Mesemb pachyphyllum" (HML Bolus 1928) → **Cerochlamys pachyphylla** 1998,
 "Mesemb piquetbergense" (HML Bolus 1932) → **Oscularia piquetbergensis** 1998,
 "Mesemb planum" (HML Bolus 1925) → **Hallianthus planus** 1983,
 "Mesemb primivernum" (HML Bolus 1930) → **Oscularia primiverna** 1998,
 "Mesemb prismaticum" (MHG Schwantes 1919) → **Tanquana prismatica** [w SL Liede] 1986,

"Mesemb propinquum" (NE Brown 1929) → **Antimima propinqua** 1998,
 "Mesemb pumilum" (FKG Fedde & C Schuster 1913) → **Antimima pumila** 1998,
 "Mesemb punctulatum" (HML Bolus 1928) → **Ruschia punctulata** 1998,
 "Mesemb purpureostylum" (HML Bolus 1920) → **Cerochlamys purpureostyla** 1998,
 "Mesemb pygmaeum" (AH Haworth 1819) → **Antimima pygmaea** 1998,
 "Mesemb quarziticum" (MK Dinter 1923) → **Antimima quarzitica** 1998,
 "Mesemb recurvum" (C Moench 1802) → **Ruschia recurva** 1998,
 "Mesemb rehmannii" (H Schinz 1897) → **Aizoanthemum rehmannii** 2001,
 "Mesemb roseolum" (NE Brown 1929) → **Antimima roseola** 1998,
 "Mesemb rupis-arcuatae" (MK Dinter 1923) → **Amphibolia rupis-arcuatae** 1996,
 "Mesemb schneiderianum" (A Berger 1922) → **Eberlanzia schneideriana** 1998,
 "Mesemb schimperi" (HGA Engler 1909) → **Delosperma schimperi** [w IM Niesler] 1991,
 "Mesemb sessile" (CP Thunberg 1791) → **Ruschia sessilis** 1998,
 "Mesemb sobrinum" (NE Brown 1929) → **Antimima sobrina** 1998,
 "Mesemb solidum" (HML Bolus 1922) → **Antimima solida** 1998,
 "Mesemb sororium" (NE Brown 1920) → **Pleiospilos compactus** ssp **sororius** [w SL Liede] 1986,
 "Mesemb spongiosum" (HML Bolus 1927) → **Jordaaniella spongiosum** 2001,
 "Mesemb stanleyi" (HML Bolus 1927) → **Chasmatophyllum stanleyi** 2001,
 "Mesemb steenbergense" (HML Bolus 1930) → **Oscularia steenbergensis** 1998,
 "Mesemb stokoei" (HML Bolus 1928) → **Eurystigma stokoei** 1998,
 "Mesemb subspinosum" (CEO Kuntze 1898) → **Drosanthemum subspinosum** 2000,
 "Mesemb superans" (HML Bolus 1932) → **Oscularia superans** 1998,
 "Mesemb thermarum" (HML Bolus 1932) → **Oscularia thermarum** 1998,
 "Mesemb triticiforme" (HML Bolus 1925) → **Ruschia cradockensis** ssp **triticiformis** [w D Stuber] 1993,
 "Mesemb ventricosum" (HML Bolus 1922) → **Antimima ventricosa** 1998,
 "Mesemb vernicolor" (HML Bolus 1931) → **Oscularia vernicolor** 1998,
 "Mesemb wittebergense" (HML Bolus 1927) → **Antimima wittebergense** 1998,
 "Pleiospilos archeri" (HML Bolus 1931) → **Tanquana archeri** [w SL Liede] 1986,
 "Pleiospilos fergusoniae" (HML Bolus 1929) → **Pleiospilos compactus** ssp **fergusoniae** [w SL Liede]
 1986,
 "Pleiospilos hilmarii" (HML Bolus 1931) → **Tanquana hilmarii** [w SL Liede] 1986,
 "Pleiospilos minor" (HML Bolus 1931) → **Pleiospilos compactus** ssp **minor** [w SL Liede] 1986,
 "Rhinephyllum vanheerdei" (HML Bolus 1963) → **Peersia vanheerdei** 2001,
 "Rimaria primosii" (HML Bolus 1933) → **Vanheerdea primosii** 1992,
 "Rimaria roodiae" (NE Brown 1926) → **Vanheerdea roodiae** 1992;
 "Ruschia addita" (HML Bolus 1931) to **Antimima addita** 1998,
 "Ruschia alborubra" (HML Bolus 1935) → **Antimima alborubra** 1998,
 "Ruschia amoena" (MHG Schwantes 1930) → **Antimima amoena** 1998,
 "Ruschia amphibolia" (GD Rowley 1978) → **Lampranthus amphibolius** 1998,
 "Ruschia androsacea" (HWR Marloth & MHG Schwantes 1928) → **Antimima androsacea** 1998,
 "Ruschia argentea" (HML Bolus 1960) → **Antimima argentea** 1998,
 "Ruschia aristata" (HML Bolus 1932) → **Erepsia aristata** [w SL Liede] 1998,
 "Ruschia bina" (HML Bolus 1931) → **Antimima bina** 1998,
 "Ruschia bracteata" (HML Bolus 1929) → **Antimima bracteata** 1998,
 "Ruschia brevicarpa" (HML Bolus 1954) → **Antimima brevicarpa** 1998,
 "Ruschia buchubergensis" (MK Dinter 1930) → **Antimima buchubergensis** 1998,
 "Ruschia calycina" (HML Bolus 1929) → **Zeuktophyllum calycinum** 1998,

"Ruschia compacta (HML Bolus 1929) —> **Antimima compacta** 1998,
 "Ruschia compressa" (HML Bolus 1960) —> **antimima compressa** 1998,
 "Ruschia concinna" (HML Bolus 1929) —> **Antimima concinna** 1998,
 "Ruschia crassifolia" (HML Bolus 1958) —> **Antimima crassifolia** 1998,
 "Ruschia cyathiformis" (HML Bolus 1931) —> **Eberlanzia cyathiformis** 1998,
 "Ruschia defecta" (HML Bolus 1965) —> **Antimima defecta** 1998,
 "Ruschia dichotoma" (HML Bolus 1932) —> **Eberlanzia dichotoma** 1998,
 "Ruschia dissimilis" (GD Rowley 1978) —> **Lampranthus dissimilis** 1998,
 "Ruschia ebracteata" (HML Bolus) —> **Eberlanzia ebracteata** 1998,
 "Ruschia elevata" (HML Bolus 1931) —> **Antimima elevata** 1998,
 "Ruschia emarcescens" (HML Bolus 1954) —> **Antimima emarcescens** 1998,
 "Ruschia erosa" (HML Bolus 1954) —> **Antimima erosa** 1998,
 "Ruschia exsurgens" (HML Bolus 1931) —> **Antimima exsurgens** 1998,
 "Ruschia fenestrata" (HML Bolus 1931) —> **Antimima fenestrata** 1998,
 "Ruschia fergusoniae" (HML Bolus 1928) —> **Antimima fergusoniae** 1998,
 "Ruschia gemina" (HML Bolus 1929) —> **Cerochlamys gemina** 1998,
 "Ruschia gracillima" (HML Bolus 1930) —> **Antimima gracillima** 1998,
 "Ruschia gravida" (HML Bolus 1929) to **Eberlanzia gravida** 1998,
 "Ruschia hallii" (HML Bolus 1950) —> **Antimima hallii** 1998,
 "Ruschia hamatilis" (HML Bolus 1929) —> **Antimima hamatilis** 1998,
 "Ruschia herrei" (MHG Schwantes 1928) —> **Antimima herrei** 1998,
 "Ruschia inclaudens" (HML Bolus 1962) —> **Esterhuysenia inclaudens** 1998,
 "Ruschia intervallaris" (HML Bolus 1929) —> **Antimima intervallaris** 1998,
 "Ruschia karroidea" (HML Bolus 1931) —> **Antimima karroidea** 1998,
 "Ruschia koekenaapensis" (HML Bolus 1962) —> **Antimima koekenaapensis** 1998,
 "Ruschia komkansica" (HML Bolus 1962) —> **Antimima komkansica** 1998,
 "Ruschia leipoldtii" (HML Bolus 1929) —> **Antimima leipoldtii** 1998,
 "Ruschia lodewykii" (HML Bolus 1950) —> **Antimima lodewykii** 1998,
 "Ruschia loganii" (HML Bolus 1937) —> **Antimima loganii** 1998,
 "Ruschia lokenbergensis" (HML Bolus 1964) —> **Antimima lokenbergensis** 1998,
 "Ruschia longipes" (HML Bolus 1927) —> **Antimima longipes** 1998,
 "Ruschia luckhoffii" (HML Bolus 1931) —> **Antimima luckhoffii** 1998,
 "Ruschia maleolens" (HML Bolus 1928) —> **Antimima maleolens** 1998,
 "Ruschia marginata" (HML Bolus 1935) —> **Lampranthus marginatus** 1998,
 "Ruschia maxwellii" (HML Bolus 1929) —> **Antimima maxwellii** 1998,
 "Ruschia menniei" (HML Bolus 1965) —> **Antimima menniei** 1998,
 "Ruschia mesklipensis" (HML Bolus 1931) —> **Antimima mesklipensis** 1998,
 "Ruschia meyeriae" (MHG Schwantes 1930) —> **Antimima meyeriae** 1998,
 "Ruschia minutifolia" (HML Bolus 1964) —> **Antimima minutifolia** 1998,
 "Ruschia modesta" (HML Bolus 1937) —> **Antimima modesta** 1998,
 "Ruschia mutata" (GD Rowley 1978) —> **Lampranthus mutatus** 1998,
 "Ruschia mutica" (HML Bolus 1929) —> **Antimima mutica** 1998,
 "Ruschia nobilis" (MHG Schwantes 1930) —> **Antimima nobilis** 1998,
 "Ruschia nordenstamii" (HML Bolus 1964) —> **Antimima nordenstamii** 1998,
 "Ruschia oviformis" (HML Bolus 1931) —> **Antimima oviformis** 1998,
 "Ruschia papillata" (HML Bolus 1927) —> **Antimima papillata** 1998,
 "Ruschia paucifolia" (HML Bolus 1964) —> **Antimima paucifolia** 1998,

"Ruschia pauper" (HML Bolus 1961) —> **Antimima pauper** 1998,
 "Ruschia peersii" (HML Bolus 1928) —> **Antimima peersii** 1998,
 "Ruschia perforata" (HML Bolus 1929) —> **Antimima perforata** 1998,
 "Ruschia persistens" (HML Bolus 1963) —> **Antimima persistens** 1998,
 "Ruschia pilosula" (HML Bolus 1954) —> **Antimima pilosula** 1998,
 "Ruschia piscodora" (HML Bolus 1928) —> **Antimima piscodora** 1998,
 "Ruschia profunda" (HML Bolus 1936) —> **Lampranthus profundus** 1998,
 "Ruschia prolongata" (HML Bolus 1954) —> **Antimima prolongata** 1998,
 "Ruschia prostrata" (HML Bolus 1929) —> **Antimima prostrata** 1998,
 "Ruschia pusilla" (MHG Schwantes 1928) —> **Antimima pusilla** 1998,
 "Ruschia quadrisepala" (HML Bolus 1930) —> **Octopoma quadrisepalum** 1998,
 "Ruschia saginata" (HML Bolus 1937) —> **Amphibolia saginata** 1998,
 "Ruschia saturata" (HML Bolus 1929) —> **Antimima saturata** 1998,
 "Ruschia saxicola" (HML Bolus 1929) —> **Antimima saxicola** 1998,
 "Ruschia schlechteri" (MHG Schwantes 1928) —> **Antimima schlechteri** 1998,
 "Ruschia simulans" (HML Bolus 1931) —> **Antimima simulans** 1998,
 "Ruschia spinescens" (HML Bolus 1930) —> **Arenifera spinescens** 1996,
 "Ruschia stayneri" (HML Bolus 1961) —> **Antimima stayneri** 1998,
 "Ruschia stokoei" (HML Bolus 1929) —> **Antimima stokoei** 1998,
 "Ruschia stylosa" (HML Bolus 1928) —> **Arenifera stylosa** 1996,
 "Ruschia subtruncata" (HML Bolus 1930) —> **Antimima subtruncata** 1998,
 "Ruschia succulenta" (HML Bolus 1928) —> **Amphibolia succulenta** 1998,
 "Ruschia tetrasepala" (HML Bolus) —> **Octopoma tetrasepalum** 1998,
 "Ruschia triquetra" (HML Bolus 1928) —> **Antimima triquetra** 1998,
 "Ruschia tuberculosa" (HML Bolus 1929) —> **Antimima tuberculosa** 1998,
 "Ruschia turneriana" (HML Bolus 1963) —> **Antimima turneriana** 1998,
 "Ruschia vanzylii" (HML Bolus 1930) —> **Antimima vanzylii** 1998,
 "Ruschia varians" (HML Bolus 1930) —> **Antimima varians** 1998,
 "Ruschia verruculosa" (HML Bolus 1929) —> **Antimima verruculosa** 1998,
 "Ruschia watermeyerii" (HML Bolus 1928) —> **Antimima watermeyerii** 1998,
 "Trianthema camillii" (EJ de Cordemoy 1895) —> **Zaleya camillii** 2001,
 "Trianthema redimita" (R Meville 1952) —> **Zaleya redimita** 2001,
 "Vanzijlia rostella" (HML Bolus 1929) —> **Cephalophyllum rostellum** 1982;

disc subsp:

(Conophytum tantillum ssp) **inexpectatum** [w M Dehn] (Namaq) 1986 (desc by SA Hammer 1991);

desc subsp:

(Argyroderma framesii ssp) **hallii** 1973 (na H Hall),
 (Fenestraria rhopalophylla ssp) **aurantiaca** 1982;

transfer variety:

"Astridia velutina var lutata" (HML Bolus 1929) —> **Astridia lutata** 2001.

Hartogh, Nicky den; Ger;

Book [1995] *Kakteen (Die Blühende Wüste)* Stuttgart, Ger; Ger; 80p,

[1996] *Cacti, The flowering Desert* [w photographer Daan Smit] NYC; Eng version of 1995 book;
 80p w 101 color photos.

†**Hartweg**, Karl [Carl] Theodor (18 Jun 1812–3 Feb 1871); {Hartw.}; Ger botanist; collector for

London Horticultural Soc in Colombia, Ecuador, Guatemala, Mex & Calif 1836–43 & 1845–47; inspector at Grand Ducal Gardens of Schwetzingen, Baden, Ger 1847~;

disc species:

(Phyllocactus) **anguliger** (Guerrero Nayarit, Oaxaca, Jalisco) 1846 (desc by AC Lemaire 1851)
—> **Epiphyllum anguliger** by G Don 1855.

Hartwig, M;

Book [1992] *Alles über Kakteen* [w H Dopp, U Bauer, E Kleiner & M Romig] Offenburg; 66p.

Harvey, C;

Book [1952] *Cacti Culture for Beginners* London.



† **Harvey**, (Prof) (Dr med hc) Wm Henry (5 Feb 1811–15 May 1866); {Harv.}; Irish accountant, algologist & systematic botanist; met WJ Hooker 1831; to RSA 1835; colonial treasurer in Cape Town, RSA 1835–42; honorary MD at Dublin Univ 1844; disc blood circulates w heart acting as a pump; keeper of herbarium at Trinity College, Dublin, Ireland 1844~; prof of botany at Royal Dublin Soc 1848~ & at Trinity College, Dublin 1856~; explored in RSA 1836–42, in US 1844–50 & in Australia, New Zealand & Fiji 1853–56; keeper of herbarium at Trinity College, Dublin 1844–56 & botanist at Univ of Dublin 1856; FLS 1857; FRS 1858; spouse ? [nèe Phelps] Harvey (–1866)
Book [1838] *The Genera of S African Plants – arranged according to the natural system* Cape Town, S Africa; 429p,

[1860–65] *Flora Capensis* [w OW Sonder]; Dublin, Ireland; Eng; 6,503p; in 7 Vols; (WH Harvey & OW Sonder completed 1st 3 Vols edited by WH Harvey;)

[1860] Vol 1; 546p;

[1862] Vol 2; 621p;

[1865] Vol 3; 633;

Vols 4–7 were completed by WT Thistleton-Dyer w NE Brown & staff at Kew 1896–33 after deaths of WH Harvey & OW Sonder);

[1896–1897] Vol 6; 563p;

[1897–1900] Vol 7; 791p;

[1904] Vol 4, Part 2; 479p;

[1909] Vol 4, Part 1; 1,168p;

[1912] Vol 5, Part 1; 747p;

[1913] Vol 5, Part 3; 332p;

[1925] Vol 5, Part 2; 606p;

[1933] Vol 5, Part 2; Supplement; 46p,

[1868] *The Genera of S African Plants arranged According to the Natural System* (unillustrated) London, Eng & Cape Town, Africa; 483p; edited by JD Hooker & pub after death of WH Harvey;

desc genera:

Fanninia (Natal, Eastern Cape) 1868 (na G Fannin),

Litanthus (RSA) 1884,

Raphionacme (tropical & subtropical Africa, Oman) 1842,

Whiteheadia (RSA, Namibia) 1868 (na H Whitehead);

desc species:

(Adenium) **namaquanum** (Namibia, Northern Cape) 1863 —> **Pachypodium namaquanum** by FMJ Welwitsch 1869,
(Bowiea) **volubilis** 1867,

(Brachystelma) **gerrardii** (Eastern Cape, Natal, Limpopo) 1863 (disc by WT Gerrard c1862 & nah),
 (Ceropegia) **bowkeri** (Eastern Cape) 1859 (disc by ME Barber & na JH Bowker),
 (Cissus) **hypoleuca** (Zimbabwe, Limpopo, Natal) 1860 → **Cyphostemma hypoleucum** by BM Descoings
 1967,
 (Cissus) **lanigera** (Zimbabwe, Limpopo, Natal) 1859 → **Cyphostemma langerum** by BM Descoings
 1967,
 (Cotyledon) **eckloniana** (Namibia, Northern Cape) 1862 (na CF Ecklon) → **Tylecodon wallichii** ssp
ecklonianus by HR Tolken 1978,
 (Cotyledon) **racemosa** (Namibia, Northern Cape) 1862 (disc by JF Drege 1830) → **Tylecodon**
racemosus by HR Tolken 1978,
 (Cotyledon) **tomentosa** (Western Cape, Eastern Cape) 1862 (disc by CLP Zeyher),
 (Cotyledon) **wallichii** (Namibia, Northern Cape, Western Cape) 1862 (disc by N Wallich & nah)
 → **Tylecodon wallichii** by HR Tolken 1978,
 (Cotyledon) **zeyheri** (Western Cape, Eastern Cape) 1862 (na CLP Zeyher) → **Adromischus cristatus** var
zeyheri by HR Tolken 1978,
 (Crassula) **bergioides** (Western Cape) 1862,
 (Crassula) **brachypetala** (Tropical Africa into RSA) 1862 → **Crassula pellucida** ssp **brachypetala** by
 HR Tolken 1975,
 (Crassula) **brevifolia** (Namibia, Northern Cape, Western Cape) 1862,
 (Crassula) **dregeana** (Natal) 1862 (na JF Drege) → **Crassula obovata** var **dregeana** by HR Tolken 1975,
 (Crassula) **exilis** (Northern Cape) 1862,
 (Crassula) **glabrifolia** (Namibia, Northern Cape, Western Cape) 1862 → **Crassula tomentosa** var
glabrifolia by GD Rowley 1978,
 (Crassula) **hirtipes** (Northern Cape, Western Cape) 1862,
 (Crassula) **lanuginosa** (Eastern Cape) 1862,
 (Crassula) **lasiantha** (Western Cape) 1862,
 (Crassula) **meyeri** (Natal) 1862 (na EHF Meyer) → **Crassula capitella** ssp **meyeri** by HR Tolken 1975,
 (Crassula) **multiceps** (Northern Cape, Western Cape) 1862,
 (Crassula) **peploidis** (Eastern Cape, Lesotho, Natal) 1862,
 (Crassula) **platyphylla** (Western Cap) 1862 → **Crassula nudicaulis** var **platyphylla** by HR Tolken 1975,
 (Crassula) **sarmentosa** (Western Cape, Natal) 1862,
 (Crassula) **saxifraga** (Cape) 1862,
 (Crassula) **setulosa** (Lesotho, Gauteng, Limpopo, Mpumalanga, Natal, Free State) 1862,
 (Crassula) **virgata** (Northern Cape, Western Cap) 1862 → **Crassula subaphylla** var **virgata** by
 HR Tolken 1975,
 (Crassula) **whiteheadii** (Northern Cape) 1862 (disc by H Whitehead c1861 & nah),
 (Decaceras) **huttonii** (Eastern Cape) 1863 (na H Hutton) → **Brachystelma huttonii** by NE Brown 1908,
 (Erythrina) **zeyheri** (Zimbabwe, Lesotho, Gauteng, Mpumalanga, North-West, Free State, Natal) 1862
 (na CLP Zeyher),
 (Fanninia) **caloglossa** (Natal, Eastern Cape) 1868,
 (Gomphocarpus) **eminens** (Natal, Mpumalanga, Zimbabwe, Limpopo) 1863 → **Stenostelma eminens**
 by AA Bullock 1953,
 (Heliophila) **scandens** (Natal, Eastern Cape) 1863,
 (Kalanchoe) **hirta** (Cape, Natal) 1861,
 (Kalanchoe) **paniculata** (RSA, Mozambique, Zimbabwe) 1861 (disc by J Burke & CLP Zeyher 1839/40),
 (Kalanchoe) **thyrsiflora** (Cape, Transvaal, Rhodesia) 1861,
 (Kalanchoe) **thyrsiflora** (Botswana) 1962,

(Litanthus) **pusillus** (RSA) 1884,
 (Micraster) **pulchellum** (Limpopo, Natal) 1868 (disc by J Sanderson) —> **Brachystelma pulchellum** by FRR Schlechter 1895,
 (Modecca) **digitata** (RSA, Malawi, Mozambique, Botswana, Zambia, Zimbabwe, Tanzania) 1859
 —> **Adenia digitata** by HGA Engler 1891,
 (Modecca) **gummifera** (Congo Rep, Uganda, Kenya, Tanzania, Seychelles Islands, Zambia, Zimbabwe, Malawi, Mozambique, RSA) 1862 —> **Adenia gummifera** by HAT Harms 1897,
 (Modecca) **hastata** (Mozambique, RSA, Swaziland) 1863 —> **Adenia hastata** by H Schinz 1892,
 (Monsonia) **attenuata** (Natal) 1860,
 (Pelargonium) **attenuatum** (Western Cape) 1860,
 (Pelargonium) **bowkeri** (Eastern Cape, Natal) 1862 (na JH Bowker),
 (Pelargonium) **crassipes** (Western Cape) 1860,
 (Pelargonium) **hystrix** (Western Cape) 1860,
 (Pelargonium) **moniliforme** (Western Cape, Northern Cape) 1860,
 (Pelargonium) **oblongatum** (Northern Cape) 1860,
 (Pelargonium) **ochroleucum** (Western Cape, Eastern Cape) 1860,
 (Pelargonium) **sibthorpiifolium** (Northern Cape, Namibia) 1860,
 (Plectranthus) **purpuratus** (Natal) 1895,
 (Raphionacme) **zeyheri** (Eastern Cape) 1842 (na CLP Zeyher),
 (Sarcocyphula) **gerrardii** (Arabia, Kenya, Eastern Cape, Natal, Limpopo, Mada, Comoro Islands) 1863
 (na WT Gerrard) —> **Cynanchum gerrardii** by
 SL Liede 1991,
 (Sterculia) **alexandrii** (Eastern Cape) 1859 (na RC [né Alexander] Prior),
 (Tripteris) **microcarpa** (Namibia Northern Cape, Western Cape) 1865 —> **Osteospermum microcarpum**
 by NT Norlindh 1943;

transfer species:

"Brachyrhynchos junceus" (CF Lessing 1832) —> **Senecio junceus** 1865,
 "Geranium grenvilleae" (HC Andrews 1811) —> **Pelargonium grenvilleae** 1860,
 "Polyactium amatymbicum" (CF Ecklon & CLP Zeyher 1836) —> **Pelargonium amatymbicum** 1860,
 "Polyactium caffrum" (CF Ecklon & CLP Zeyher 1835) —> **Pelargonium caffrum** 1860,
 "Sphaeritis subaphylla" (CF Ecklon & KLP Zeyher 1837) —> **Crassula subaphylla** 1862;

desc variety:

(Crassula lycopodioides var) **obtusifolia** (Namibia, Northern Cape, Western Cape) 1862 —> **Crassula muscosa** var **obtusifolia** by GD Rowley 1978,
 (Othonna auriculifolia var) **arctotoides** (Cape) 1865,
 (Othonna retrorsa var) **linearifolia** (Northern Cape) 1865,
 (Pelargonium hirsutum var) **carneum** (Western Cape, Eastern Cape) 1860 —> **Pelargonium auritum** var **carneum** by EM Marais 2001,
 (Senecio scaposus var) **caulescens** (Eastern Cape) 1865.

† **Haselberg**, (Dr) F von (fl. 1885); Stralsund, Ger; cactus hobbyist;

species nah:

(Echinocactus) **haselbergii** (Rio Grande do Sul) (desc & nah by KT Rumpler 1886) —> **Parodia haselbergii** by FH Brandt 1982.



† **Haselton, Scott** Edson (27 Nov 1895–10 Sep 1991); eastern US to Calif 1919;
 horticultural journalist & publisher; 1st editor (& pub) of CSSA *C&S Journal* 1929–65; had a studio at

Abbey San Encino Press 1929–35; founded Abbey Garden Press 1936; produced a CSSA Amateur Bulletin one year 1942; pub over 100 books, mostly on c&s, and numerous garden catalogues;
CSSA Fellow award 1942; IOS member 1955; CSSA yearbook *Haseltonia* (1993~) nah; founding member of California Horticultural Society in 1935; first spouse Linda [née Holt] Haselton;
second spouse Grace [née Allen] Haselton; third spouse Dorothy [née Adams Melendy] Haselton;
Book [1938] *Cacti for the Amateur* Pasadena, Calif; Eng; 142p w 110 color photos,
[1939] *Succ for the Amateur* Pasadena; 172p; (edited w JR Brown, GW Reynolds, BL Sloane & AC White),

[1943] *Hummel's Victory Picture Book of C&S* Pasadena; Eng; 40p,
[c1943] *C&S* Pasadena; Eng; 64p,
[1943] *C&S and how to grow them* Pasadena; Eng; 68p w 2 color illustrations,
[1946] *Epiphyllum Handbook* Pasadena; Eng; 231p w 11 color plates,
[1965] *Library List of C&S Literature* Pasadena; Eng; 89p;

In addition to writing & publishing the above books, he pub the following:

[1934] *Succ Other Than Cacti* by AJ van Laren,
[1935] *Cactus* by AJ van Laren,
[1935] *Calif Cactus* by EM Baxter,
[1937] *The Stapelieae* by AC White & BL Sloane;

genus nah:

Haseltonia (Puebla, Oaxaca) (desc & nah by C Backeberg 1949) (syn of *Cephalocereus* PFEIFFER);

species nah:

(Copiapoa) **haseltoniana** (Antofagasta) (desc & nah by C Backeberg 1957) —> **Copiapoa cinerea** ssp **haseltoniana** by NP Taylor 1997.

Hashimoto, I;

Book [1972] *Succ in Cultivation* Japan; Japanese; 442p w 48 plates.

Hashizume, Takashi; Japanese horticulturist; owner of large nursery of epiphytic cacti;

Book [1982–85] *Epiphyllums & Other Related Genera* Tokyo, Japan; Japanese;

[1982] Part 1; 166p w 246 color photos;

[1985] Part 2; 166p w 341 color photos,

[1985] *Kajaku Saboten (Orchid Cacti)* Tokyo; Japanese; 135p,

[1985] *Epiphyllum Handbook—Japanese* Japan; Japanese; 136p,

[1995] *Jungle Orchid Cacti* [w H Mitsuhashi] Tokyo; Japanese; 159p.

Hass, G;

Book [1985] *Kulturbund der DDR. 20 Jahre Fachgruppe Kakteen/Sukkulenten Magdeburg (Gedanken, Erkenntnisse, Hinweise)* [w W Haage, A Gebauer & H Dorsing] Calbe/Saale; 30p.

† **Hasse**, (Dr med) Hermann Edward (12 Jan 1836–29 Oct 1915); {Hasse}; US physician, natural historian & amateur botanist; surgeon at Soldiers Home, Sawtelle, Calif 1890s; interested in lichens; collected in Calif & Santa Catalina Island;

species nah:

(Stylophyllum) **hassei** (Calif island Santa Catalina) (desc & nah by JN Rose 1903) —> **Dudleya virens** ssp **hassei** by RV Moran 1995.

† **Hasskarl**, (Dr) Justus Karl (6 Dec 1811–5 Jan 1894); {Hassk.}; Ger botanist; PhD at Greifswald 1858; scientist in Cleve, Ger 1856~; explored & collected in Java;

desc species:

(Belosynapsis) **kewensis** (India) 1871 → **Cyanotis kewensis** by CB Clarke 1881,
(Euphorbia) **plumerioides** (Java, Philippines, New Guinea, Australia) 1858;

transfer species:

"Tradescantia speciosa" (C von Linne *fil.* 1782) → **Cyanotis speciosa** 1870.



† **Hassler**, [Hässler,] (Dr) Émile [Emilio] (20 Jun 1864–4 Nov 1937); {Hassl.}; Swiss physician, naturalist, botanist, & phytogeographer; to Paraguay 1885~; PhD at Ascunción 1930; collected in Paraguay;

Book [1902–07] *Plantae Hasslerianae soit Énumération Des Plantes Récoltées au Paraguay* [w RH Chodat] Genève, Switzerland; (in 2 Vols);

[1902] Vol 1; 203p;

[1907] Vol 2; 712p;

disc species:

(Echinocactus) **paraguayense** (Paraguay) c1895 (desc by KM Schumann 1903) → **Gymnocalycium paraguayense** by CC Hosseus 1939;

desc variety:

(Chorisia speciosa var) **paraguariensis** (Paraguay) 1907,
(Euphorbia) **taboraensis** (Tanzania) 1931,
(Jatropha gossypifolia var) **dissecta** [w RH Chodat] (Paraguay) 1905 → **Jatropha dissecta** by FA Pax 1910.

Hassler, Lynn; US;

Book [2009] *Hot Pots: Container Gardening in the Arid Southwest* [w S Calhoun] Tucson, Arizona; Eng; 127p.



† **Hastings**, (Prof) (Dr) James Rodney (30 Nov 1923–30 Jun 1974); US plant ecologist; PhD at Univ of Arizona, Tucson Arizona 1963; prof at Institute of Atmospheric Physics at Univ of Arizona 1962~; collected in Baja Calif, Sonora & Gulf of Calif islands some w RM Turner 1963~;

Book [1963] *Historical Changes in the Vegetation of a Desert Region*; 456p; (PhD thesis),

[1965] *The Changing Mile: An Ecological Study of Vegetation Changes w Time in the Lower Mile of an Arid & Semiarid Region* [w RM Turner]; Eng; 317p.

† **Hatschbach**, (Dr hc) Gert [Gerdt] Guenther (22 Aug 1923–16 Apr 2013); {Hatschb.}; Brazilian botanist & taxonomist; honorary doctorate at Federal Univ of Paraná, Brazil 1986; dir of municipal bot museum at Paraná State Univ, Curitiba; collected in Brazil;

species nah:

(Apodanthera) **hatschbachii** (Brazil) (desc & nah by C Jeffrey 1992),
(Portulaca) **hatschbachii** (Brazil) (desc & nah by CMD Legrand 1962).

Hatskevich, Yuri; Russian horticulturist;

Book [2002] *Kaktusy* Moscow, Russia; Russian; 11p w 179 color photos.

† **Hatusima**, (Dr) Sumihiko (1906–2008); {Hatus.}; Japanese botanist & pteridologist; PhD at Kyushu Imperial Univ 1942; collected in Japan, Java, & Papua New Guinea 1940;

desc species:

(Sedum) **satumense** (Japan) 1978.



† **Haude**, Michael (27 Aug 1940–5 Nov 1994); Ger horticulturist; cactus nurseryman in Jankendorf, Ger; IOS member 1980;

Book [1983] *Erfolg mit Kakteen* = "Success w Cactus" [w R Kundiger] Leipzig, Ger; Ger; 151p w 48 color photos; [1986] *Festschrift zum 25-Jährigen Bestehen der Fachgruppe Kakteen und andere Sukkulente im Kulturbund der DDR* [w E Zitz & R Elix] Gorlitz, Ger; Ger; 32p;

species nah:

(Mamm) **haudeana** (Sonora) (desc & nah by AB Lau & K Wagner 1978) —> **Mamm saboae** ssp **haudeana** by DR Hunt 1998.

Haugg, Erich (fl. 1994); {Haugg}; Ger; slide librarian for Deutsche Kakteen Gesellschaft (Ger Cactus Soc); IOS member 1986; spouse Gerda Haugg, Tillandsia specialist;

desc subsp:

(Escobaria roseana ssp) **galeanensis** (Nuevo Leon) 1995 (disc by E Haugg 1978) —> **Acharagma roseana** ssp **galeanensis** by DR Hunt 2002.



† **Hauman**, [Hauman-Merck,] **Lucien** León (8 Jul 1880–16 Sep 1965); {Hauman}; Belgian botanist, mycologist, bryologist & photography; to Argentina 1904; prof of botany at Agronoma Universidad Buenos Aires, Argentina 1904–25; to Belgium as prof of botany at Free Univ of Brussels 1928–49; to Argentina 1949~ as honorary prof at Univ of Buenos Aires where Lucien

Hauman Botanic Garden nah; collected in Argentina, Belgian Congo, Paraguay, Chile & Uruguay;

desc species:

(Lindmania) **chlorantha** (Argentina) 1917 —> **Adromeitiella chlorantha** by CC Mez 1935,
(Portulaca) **confertifolia** (Argentina) 1925,
(Portulaca) **echinosperma** (Argentina) 1925,
(Portulaca) **eruca** (Argentina) 1925.

† **Hausen**, Emil;

Book [1889] *Ueber Morphologie und Anatomie der Aloineen* Berlin, Ger; Ger; 58p.



† **Haussknecht**, Heinrich Carl [Karl] (30 Nov 1838–7 Jul 1903); {Hausskn.}; Ger pharmacist, flora specialist & systemist; founded "Herbarium Haussknecht" 1896 in Weimar, Ger & nah; explored in Turkey, Syria, Iraq & Iran 1964–69;

species nah:

(Umbilicus) **haussknechtii** (Turkey) (desc & nah by PE Boissier & GF Reuter 1872)

—> **Rosularia haussknechtii** by A Berger 1930;

desc species:

(Umbilicus) **elymaiticus** [w PE Boissier] (Turkey, Iran, Turkmenistan) 1872 —> **Rosularia elymaitica** by A Berger 1930.

† **Haustein**, (Prof) (Dr) Erik (21 Jul 1910–4 Sep 2004); Ger botanist & horticulturist; prof at Institute of Botany & Pharmaceutical Biology, Erlangen Univ, Ger; member of Ger C&SS; editor of *Kakteen und andere Sukkulente* 1949–68;

Book [1955] *Kakteen* Minden, Ger; Ger; 78p + 28 plates,

[1973] *Sukkulente* Minden; Ger; 141p + 16 plates,

[1983] *Der Kosmos—Kakteenfuhrer* Stuttgart, Ger; Ger; 320p w 126 plates w 504 color photos,

[1988] *The Cactus Handbook* Secaucus, New Jersey; Eng; 320p w 504 color photos,

[2004] *Les Cactees*; French; 320p;

species nah:

(Parodia) **hausteiniana** (Cochabamba) (desc & nah by W Rausch 1970).

† **Hautefeuille**, Léon;

Book [1906] *L'Agave Textile*; 64p.

† **Havard**, (Dr med) Valéry (18 Feb 1846–6 Nov 1927); {Havard}; France to US; physician & botanist; MD at Univ of NY 1869; surgeon in US Army 1871~; spouse Agnes J [née Hewit] Havard;

species nah:

(Agave) **havardiana** (Texas) (desc & nah by WA Trelease 1912).

† **Havlasa**, Elsie (fl. 1921); spouse of friend of K Domin;

species nah:

(Pelargonium) **havlasae** (Western Australia) (desc & nah by K Domin 1921).



† **Havlicek**, [Havlíček,] Radim (16 Feb 1928–30 Oct 1998); {Havlíček}; Czech Rep; interested in Notocactus; IOS member;

Book [1980] *Einteilung de Gattung "Notocactus"* Plzen, Czech Rep; 22p;

desc species:

(Notocactus) **neoarechavaletae** (Uruguay) 1989 —> **Parodia neoarechavaletae** by DR Hunt 1997.



† **Haworth**, Adrian Hardy (19 Apr 1767–24 Aug 1833); {Haw.}; British gardener, amateur botanist, zoologist, taxonomist, orthinologist & entomologist; studied natural history 1790~; leading Eng authority of succ plants; received collected succ from F Masson, J Bowie, WJ Burchell & TC Bridges; exchanged succ w JFM Salm-Dyck, CF Otto & M van Marum; corresponded w J Banks, WH Curtis, R Sweet & JC Loudon; had his own herbarium; FLS 1799; founded Hull Bot Garden 1812;

Book [1794–95] *Observations on the Genus Mesemb* London, Eng; Eng; 480p; mostly in Eng, part in Latin; in 2 parts; (contains scientific desc of 130 Mesemb species, of which 50 were new, no illustrations);

[1794] Part 1; 104p;

[1795] Part 2; 376p,

[1803] *Miscellanea Naturalea, sive Dissertationes variae ad Historiam Naturalem Spectantes* London; Eng/Latin; 204p; (includes dissertations on genera Mesemb, Tetragonia & Portulaca),

[1812] *Synopsis Plantarum Succulentarum* London; Latin; 334p w listing of 31 species of Stapelia & at least 206 of Mesemb, no illustrations; (Ger edition 1819); Nüremberg; 376p),

[1819] *Supplementum Plantarum Succulentarum* London; Latin; 106p,

[1821] *Saxifragearum Enumeratio, Accedunt Revisiones Plantarum Succulentarum* London; in 2 Parts; Part 1; 62p;

Part 2; 207p;

genus nah:

Haworthia (Cape, Free State, Natal, Mpumalanga, Namibia) (desc & nah by HA Duval 1809);

desc genera:

Caruncularia 1812 (syn of Stapelia LINNAEUS),

Cephalophyllum (Namibia) 1821,

Curtogyne 1821 (syn of Crassula LINNAEUS),

Dactylanthus 1812 (syn of Euphorbia LINNAEUS),
Duvalia (Arabian Peninsula, Horn of Africa, RSA) 1812 (na HA Duval),
Epiphyllum (Mex, Central Amer to Argentina) 1812 (genus name first used by P Hermann (c1689) but never published by him),
Globulea 1812 (syn of Crassula LINNAEUS),
Gonostemon 1812 (syn of Stapelia LINNAEUS),
Hymenogyne (Western Cape) 1821,
Mammillaria (Mex, s US, Central Amer, Greater & Lesser Antilles) 1812,
Monanthes (Canary Islands) 1821,
Obesia (Cape, Namibia) 1812 (syn of Piaranthus R BROWN),
Orbea (Arabia, Africa) 1812,
Pectinaria (RSA) 1819,
Podanthes 1812 (syn of Stapelia LINNAEUS),
Tridentea (Namibia, Botswana, RSA) 1812,
Tromotriche (RSA, Namibia) 1812;

species nah:

(Aeonium) **haworthii** (Canary Islands) (desc & nah by PB Webb & S Berthelot 1841),
 (Mesemb) **haworthii** (Cape) (desc & nah by J Donn 1800) —> **Lampranthus haworthii** by NE Brown 1930,
 (Ruschia) **haworthii** (desc & nah by HJH Jacobsen & GD Rowley 1973),
 (Senecio) **haworthii** [Little Namaq] (desc & nah by CH Schultz 1845),
 (Tetragonia) **haworthii** (RSA) (desc & nah by E Fenzl 1862);

desc species:

(Agave) **angustifolia** (Yucatan, Honduras) 1812,
 (Aloe) **aristata** (Lesotho, Cape, Free State, Natal) 1825,
 (Aloe) **attenuata** (Eastern Cape) 1804 —> **Haworthia attenuata** by him 1812,
 (Aloe) **ciliaris** (Eastern Cape) 1825 (disc by J Bowie 1821),
 (Aloe) **cymbiformis** (Eastern Cape) 1804 —> **Haworthia cymbiformis** by HA Duval 1809,
 (Aloe) **depressa** (Western Cape) 1804 —> **Aloe brevifolia** var **depressa** by JG Baker 1880,
 (Aloe) **distans** (Western Cape) 1812 —> **Aloe mitriformis** ssp **distans** by BJM Zonneveld 2002,
 (Aloe) **foliolosa** (Eastern Cape) 1804 —> **Astroloba foliolosa** by AJA Uitewaal 1947,
 (Aloe) **gracilis** (Eastern Cape) 1825 (disc by J Bowie),
 (Aloe) **macra** (Reunion) 1819,
 (Aloe) **microcantha** (Eastern Cape) 1819 (disc by J Bowie 1819),
 (Aloe) **mirabilis** (Western Cape) 1804 —> **Haworthia mirabilis** by him 1812,
 (Aloe) **pluridens** (Eastern Cape, Natal) 1824 (disc by J Bowie),
 (Aloe) **reticulata** (Western Cape) 1804 —> **Haworthia reticulata** by him 1812,
 (Aloe) **striata** (Eastern Cape, Western Cape) 1804 (disc by SF Masson ≈1795),
 (Aloe) **striatula** (Eastern Cape, Lesotho) 1825 (disc by WJ Burchell 1813),
 (Aloe) **tenuior** (Eastern Cape) 1825 (disc by J Bowie 1821);
 (Apicra) **nigra** (Eastern Cape) 1825 —> **Haworthia nigra** by JG Baker 1880,
 (Bowiaea) **myriacantha** (Burundi, Rwanda, Kenya Uganda, Zaire, Tanzania, Zimbabwe, Malawi, Eastern Cape, Natal) 1827 (disc by J Bowie 1822) —> **Aloe myriacantha** by JA & JH Schultes 1829,
 (Bulbine) **mesembryanthoides** (Northern Cape, Western Cape) 1825,
 (Cactus) **erinaceus** (Argentina, Brazil, Uruguay) 1819 —> **Parodia erinacea** by NP Taylor 1987,
 (Cactus) **gibbosus** (Argentina) 1812 —> **Gymnocalycium gibbosum** by FL Mittler 1844,

(Cactus) **imbricatus** (Chihuahua to Puebla, Arizona, Colorado, Kansas, New Mex, Oklahoma, Texas) 1821 —> **Cylindropuntia imbricata** by FM Knuth 1936,
 (Cactus) **latispinus** (San Luis Potosi) 1824 —> **Ferocactus latispinus** by NL Britton & JN Rose 1922,
 (Cactus) **pusillus** (Alabama, Florida, Georgia B, Mississippi, N & S Carolina, Texas) 1803 —> **Opuntia pusilla** by him 1812,
 (Cactus) **senilis** (Veracruz, Hidalgo) 1824 —> **Cephalocereus senilis** by LKG Pfeiffer 1838,
 (Cactus) **strictus** (Florida, Georgia B, S Carolina, Alabama, Texas into Mex, West Indies, Venezuela) 1803 —> **Opuntia stricta** by him 1812,
 (Caralluma) **umbellata** (India) 1812 (disc by W Roxburgh c1800),
 (Cereus) **aethiops** (Argentina) 1830,
 (Cereus) **euphorbioides** (San Luis Potosi, Tamaulipas, Veracruz) 1819 —> **Neobuxbaumia euphorbioides** by H Bravo-Hollis 1978,

(Cereus) **griseus** (Venezuela, Netherland Antilles, Trinidad, Tobago, Colombia, Mex) 1812 —> **Stenocereus griseus** by F Buxbaum 1961,
 (Cereus) **imbricatus** (New Mex, Texas, Oklahoma, Kansas, Arizona, Colorado, Chihuahua to Puebla) 1821 —> **Cylindropuntia imbricata** by FM Knuth 1936,
 (Cereus) **undatus** (Yucatan) 1830 —> **Hylocereus undatus** by NL Britton & JN Rose 1918,
 (Ceropegia) **dichotoma** (Canary Islands) 1812,
 (Ceropegia) **stapeliiformis** (Eastern Cape) 1827 (disc by J Bowie),
 (Cotyledon) **caespitosa** (Calif) 1803 —> **Dudleya caespitosa** by NL Britton & JN Rose 1903,
 (Cotyledon) **clavifolia** (Eastern Cape) 1827 —> **Adromischus cristatus** var **clavifolius** by HR Tolken 1978,
 (Cotyledon) **cristata** (Eastern Cape) 1827 —> **Adromischus cristatus** by C Lemaire 1852,
 (Cotyledon) **oblonga** (Eastern Cape, Northern Cape) 1812 —> **Cotyledon orbiculata** var **oblonga** by AP de Candolle 1828,
 (Crassula) **biplanata** (Western Cape, Eastern Cape) 1824,
 (Crassula) **ericoides** (Western Cape, Eastern Cape, Natal) 1825,
 (Crassula) **filicaulis** (Eastern Cape, Western Cape) 1824 —> **Crassula expansa** ssp **filicaulis** by HR Tolken 1975,
 (Crassula) **obovata** (Natal, Eastern Cape) 1819,
 (Crassula) **obtusata** (Western Cape, Eastern Cape) 1819,
 (Crassula) **rotundifolia** (Socotra, central & eastern Africa to s & sw Africa) 1824 —> **Kalanchoe rotundifolia** by AH Haworth 1825,
 (Crassula) **undulata** (Western Cape) 1803,
 (Dactylanthus) **globosa** (Eastern Cape) 1823 (disc by J Bowie 1820) —> **Euphorbia globosa** by J Sims 1826,
 (Dactylanthus) **hamata** (Namibia, Northern Cape) 1812 —> **Euphorbia hamata** by R Sweet 1818,
 (Duvalia) **compacta** (Cape) 1812 —> **Duvalia caespitosa** var **compacta** by U Meve 1997,
 (Echeveria) **grandifolia** 1873,
 (Echinocactus) **subgibbosus** (Chile) 1831 —> **Eriosyce subgibbosa** by F Kattermann 1994,
 (Epiphyllum) **ackermannii** (Oaxaca, Veracruz) 1829 (disc by G Ackermann 1824 & nah) —> **Disocactus ackermannii** by WA Barthlott 1991,
 (Epiphyllum) **crispatum** (Brazil) 1820 —> **Rhipsalis crispata** by LKG Pfeiffer 1837,
 (Epiphyllum) **hookeri** (Tobago, Trinidad, Venezuela, Belize, Honduras, Mex) 1829,
 (Epiphyllum) **truncatum** (Brazil) 1819 —> **Schlumbergera truncata** by RV Moran 1953,
 (Euphorbia) **coerulescens** (Eastern Cape) 1827 (disc by J Bowie 1823),

(Euphorbia) **grandidens** (Eastern Cape) 1825 (disc by J Bowie c1820),
 (Euphorbia) **grandifolia** (western Africa, Sierra Leone to Ghana) 1812 → **Elaeophorbia grandifolia** by LCM Croizat 1938,
 (Euphorbia) **lactea** (tropical Asia, West Indies, Florida) 1812,
 (Euphorbia) **pentagona** (Eastern Cape) 1828 (disc by J Bowie 1823),
 (Euphorbia) **polygona** (Eastern Cape) 1803 (disc ≈1790),
 (Euphorbia) **squarrosa** (Eastern Cape) 1827 (disc by J Bowie 1823),
 (Euphorbia) **stellispina** (Northern Cape) 1827 (disc by H Claudius 1685),
 (Euphorbia) **tetragona** (Eastern Cape) 1827 (disc by J Bowie 1823),
 (Gasteria) **bicolor** (Eastern Cape) 1826,
 (Globulea) **atropurpurea** (Western Cape, Eastern Cape) 1824 → **Crassula atropurpurea** by DNF Dietrich 1840,
 (Globulea) **hispida** (Eastern Cape) 1825 → **Crassula mesembryanthoides** ssp **hispida** by HR Tolken 1975,
 (Globulea) **mesembryanthoides** (Eastern Cape) 1824 → **Crassula mesembryanthoides** by DNF Dietrich 1840,
 (Globulea) **radicans** (Eastern Cape) 1827 → **Crassula pubescens** ssp **radicans** by HR Tolken 1975,
 (Haworthia) **angustifolia** (Eastern Cape) 1825 (disc by J Bowie c1824),
 (Haworthia) **aristata** (Eastern Cape) 1819,
 (Haworthia) **attenuata** (Eastern Cape) 1812,
 (Haworthia) **chloracantha** (Western Cape) 1821,
 (Haworthia) **coarctata** (Eastern Cape) 1824,
 (Haworthia) **mucronata** (Western Cape) 1819,
 (Haworthia) **mutica** (Western Cape) 1821,
 (Haworthia) **obtusata** (Eastern Cape) 1825 → **Haworthia cymbiformis** var **obtusata** by JG Baker 1880,
 (Haworthia) **scabra** (Eastern Cape) 1819,
 (Haworthia) **setata** (Western Cape) 1819 → **Haworthia arachnoidea** var **setata** by MB Bayer 1999,
 (Haworthia) **sordida** (Eastern Cape) 1821,
 (Haworthia) **tessellata** (Northern Cape, Free State, Namibia) 1824 (disc by J Bowie 1822)
 → **Haworthia venosa** ssp **tessellata** by MB Bayer 1982,
 (Haworthia) **turgida** (Western Cape) 1819,
 (Kalanchoe) **rotundifolia** (Socotra) 1825,
 (Mamm) **discolor** (Mexico to Puebla) 1812,
 (Mamm) **geminispina** (Hidalgo) 1824,
 (Mamm) **magnimamma** (Hidalgo, Queretaro, San Luis Potosi) 1824,
 (Mesemb) **acutangulum** (RSA) 1824 → **Ruschia acutangula** by MHG Schwantes 1938,
 (Mesemb) **aduncum** (RSA) 1803 → **Lampranthus aduncus** by NE Brown 1930,
 (Mesemb) **aequilaterum** (s & w Australia, S Island of New Zealand, Calif, Baja Calif) 1795
 → **Carpobrotus aequilaterus** by NE Brown 1928,
 (Mesemb) **agninum** (Eastern Cape) 1826 → **Stomatium agninum** by MHG Schwantes 1926,
 (Mesemb) **albinotum** (RSA) 1826 → **Rabiea albinota** by NE Brown 1931,
 (Mesemb) **albipunctum** (Free State) 1826 → **Rabiea albipuncta** by NE Brown 1931,
 (Mesemb) **aloides** (Botswana, Northern Cape, North-West) 1819 (disc by WJ Burchell 1812)
 → **Nananthus aloides** by MHG Schwantes 1928,
 (Mesemb) **anceps** (Western Cape) 1819 → **Erepsia anceps** by MHG Schwantes 1928,
 (Mesemb) **asperum** (Western Cape, Eastern Cape) 1821 → **Erepsia aspera** by HML Bolus 1927,
 (Mesemb) **attenuatum** (RSA) 1821 → **Drosanthemum attenuatum** by MHG Schwantes 1927,

(Mesemb) **aurantiacum** (Cape) 1803 → **Fenestraria aurantiaca** by NE Brown 1926,
 (Mesemb) **blandum** (RSA) 1819 → **Lampranthus blandus** by MHG Schwantes 1938,
 (Mesemb) **brevicaule** (Cape) → **Conicosia brevicaulis** by MHG Schwantes 1928,
 (Mesemb) **bulbosum** (Cape) 1824 → **Trichodiadema bulbosum** by MHG Schwantes 1926,
 (Mesemb) **calycinum** (RSA) 1821 → **Drosanthemum calycinum** by MHG Schwantes 1927,
 (Mesemb) **canaliculatum** (Western Cape, Eastern Cape) 1795 → **Phyllobolus canaliculatus** by
 V Bittrich 1987,
 (Mesemb) **candens** (Eastern Cape) 1821 → **Drosanthemum candens** by MHG Schwantes 1927,
 (Mesemb) **canum** (Cape) 1795 → **Pleiospilos compactus** ssp **canus** by HEK Hartmann & SL Liede 1986,
 (Mesemb) **carinans** (Cape) 1821 → **Hereroa carinans** by HJH Jacobsen 1933,
 (Mesemb) **clavatum** (Western Cape) 1795 → **Dorotheanthus clavatus** by M Struck 1998,
 (Mesemb) **clavellatum** (Australia) 1803 → **Disphyma clavellatum** by RJ Chinnock 1976,
 (Mesemb) **coccineum** (RSA) 1795 → **Lampranthus coccineus** by NE Brown 1930,
 (Mesemb) **conspicuum** (RSA) 1812 → **Lampranthus conspicuus** by NE Brown 1930,
 (Mesemb) **crassicaule** (Eastern Cape, Western Cape) 1824 → **Sceletium crassicaule** by HML Bolus
 1927,
 (Mesemb) **crassuloides** → **Delosperma crassuloides** by HML Bolus 1928,
 (Mesemb) **crispatum** 1795,
 (Mesemb) **cruciatum** (Western Cape) 1795 → **Glottiphyllum cruciatum** by NE Brown 1922,
 (Mesemb) **curtum** (RSA) 1819 → **Ruschia curta** by MHG Schwantes 1938,
 (Mesemb) **curviflorus** (RSA) 1821 → **Lampranthus curviflorus** by HEK Hartmann 1998,
 (Mesemb) **curvifolium** (RSA) 1803 → **Lampranthus curvifolius** by NE Brown 1930,
 (Mesemb) **cylindricum** (Cape?) 1795 → **Calamophyllum cylindricum** by MHG Schwantes 1927,
 (Mesemb) **cymbifolium** (Western Cape) 1824 → **Ruschia cymbifolia** by HML Bolus 1927,
 (Mesemb) **cymbiforme** (RSA) 1795 → **Corpuscularia cymbiformis** by MHG Schwantes 1926,
 (Mesemb) **debile** (RSA) 1826 → **Lampranthus debilis** by NE Brown 1930,
 (Mesemb) **defoliatum** (Cape) 1803 → **Aridaria noctiflora** ssp **defoliata** by M Gerbaulet 1996,
 (Mesemb) **densum** (Eastern Cape) 1795 → **Trichodiadema densum** by MHG Schwantes 1926,
 (Mesemb) **denticulatum** (Little Namaq) 1795 → **Cheiridopsis denticulata** by NE Brown 1926,
 (Mesemb) **depressum** (Western Cape) 1803 → **Glottiphyllum depressum** by NE Brown 1921,
 (Mesemb) **dimidiatum** (Mozambique to Eastern Cape) 1812 → **Carpobrotus dimidiatus** by HML Bolus
 1950,
 (Mesemb) **diversiphyllum** (Western Cape) 1794 → **Cephalophyllum diversiphyllum** by NE Brown
 1929,
 (Mesemb) **dubium** (Western Cape) 1803 → **Jordaaniella dubia** by HEK Hartmann 1984,
 (Mesemb) **edentulum** (RSA) 1821 → **Ruschia edentula** by HML Bolus 1950,
 (Mesemb) **elongatum** (Little Namaq) 1795 → **Conicosia elongata** by NE Brown 1928,
 (Mesemb) **emarginatoides** (RSA) 1803 → **Lampranthus emarginatoides** by NE Brown 1930,
 (Mesemb) **ermininum** (Cape) 1826 → **Stomatium ermininum** by MHG Schwantes 1926,
 (Mesemb) **falciforme** (Western Cape) 1812 → **Lampranthus falciformis** by NE Brown 1930,
 (Mesemb) **fibuliforme** 1803 → **Conophytum fibuliforme** by NE Brown 1922,
 (Mesemb) **ficiforme** (Western Cape) 1821 → **Conophytum ficiforme** by NE Brown 1922,
 (Mesemb) **filicaule** (RSA) 1803 → **Lampranthus filicaulis** by NE Brown 1930,
 (Mesemb) **fissoides** (Western Cape) 1795 → **Antegibbaeum fissoides** by C Weber 1968,
 (Mesemb) **fissum** (Western Cape) 1795 → **Argyroderma fissum** by HML Bolus 1929,
 (Mesemb) **flavo-croceum** (RSA) 1826 → **Malephora flavo-crocea** by HJH Jacobsen & MHG Schwantes
 1958,

(Mesemb) **flavum** (RSA) 1820 → **Drosanthemum flavum** by MHG Schwantes 1927,
 (Mesemb) **flexifolius** (RSA) 1819 → **Lampranthus flexifolius** by NE Brown 1930,
 (Mesemb) **flexile** (RSA) 1821 → **Lampranthus flexilis** by NE Brown 1930,
 (Mesemb) **floribundum** (RSA) 1803 → **Drosanthemum floribundum** by MHG Schwantes 1927,
 (Mesemb) **foliosum** (RSA) 1803 → **Ruschia foliosa** by MHG Schwantes 1927,
 (Mesemb) **formosum** (RSA) 1821 → **Lampranthus formosus** by NE Brown 1930,
 (Mesemb) **geminatum** (Western Cape) 1803 → **Braunsia geminata** by HML Bolus 1967,
 (Mesemb) **geminiflorum** (RSA) 1821 → **Ruschia geminiflora** by MHG Schwantes 1949,
 (Mesemb) **gibbosum** (Western Cape) 1795 → **Gibbaeum gibbosum** by NE Brown 1922,
 (Mesemb) **glaucescens** (Queensland) 1812 → **Carpobrotus glaucescens** by MHG Schwantes 1928,
 (Mesemb) **glaucoides** (Western Cape) 1795 → **Lampranthus glaucoides** by NE Brown 1930,
 (Mesemb) **gracile** (Western Cape) 1821 → **Erepsia gracilis** by HML Bolus 1927,
 (Mesemb) **grandiflorum** (Eastern Cape) 1826 → **Glottiphyllum grandiflorum** by NE Brown 1921,
 (Mesemb) **graniforme** (Western Cape) 1803 → **Rhinephyllum graniforme** by HML Bolus 1954,
 (Mesemb) **granulicaule** (Cape, Free State) 1824 → **Psilocaulon granulicaule** by MHG Schwantes 1928,
 (Mesemb) **haworthii** (RSA) 1803 → **Lampranthus haworthii** by NE Brown 1930,
 (Mesemb) **hermanni** 1795 (na P Hermann),
 (Mesemb) **heteropetalum** (Western Cape) 1803 → **Erepsia heteropetala** by MHG Schwantes 1928,
 (Mesemb) **hirsutum** (Cape) 1795 → **Trichodiadema hirsutum** by WT Stearn 1939,
 (Mesemb) **hirtellum** (RSA) 1795 → **Drosanthemum hirtellum** by MHG Schwantes 1927,
 (Mesemb) **hispifolium** (Western Cape) 1819 → **Drosanthemum hispifolium** by MHG Schwantes 1927,
 (Mesemb) **humile** (Africa) 1795,
 (Mesemb) **imbricans** (RSA) 1819 → **Lampranthus imbricans** by NE Brown 1930,
 (Mesemb) **imbricatum** (RSA) 1795 → **Ruschia imbricata** by MHG Schwantes 1927,
 (Mesemb) **inaequale** (RSA) 1819 → **Lampranthus inaequalis** by NE Brown 1930,
 (Mesemb) **includens** (Western Cape) 1797 → **Erepsia includens** by MHG Schwantes 1928,
 (Mesemb) **incomptum** (Northern Cape) 1819 → **Delosperma incomptum** by HML Bolus 1928,
 (Mesemb) **inconspicuum** (RSA) 1826 → **Lampranthus inconspicuus** by MHG Schwantes 1938,
 (Mesemb) **incurvum** (RSA) 1803 → **Lampranthus incurvus** by MHG Schwantes 1938,
 (Mesemb) **intonsum** (Western Cape) 1824 → **Trichodiadema intonsum** by MHG Schwantes 1928,
 (Mesemb) **junceum** (Cape) 1803 → **Psilocaulon junceum** by MHG Schwantes 1928,
 (Mesemb) **lacerum** (Western Cape) 1795 → **Erepsia lacera** by SL Liede 1990,
 (Mesemb) **laurifolium** (Africa) 1795,
 (Mesemb) **leptaleon** (RSA) 1821 → **Lampranthus leptaleon** by NE Brown 1930,
 (Mesemb) **lineolatum** (RSA) 1821 → **Ruschia lineolata** by MHG Schwantes 1927,
 (Mesemb) **longum** (Eastern Cape, Western Cape) 1795 → **Glottiphyllum longum** by NE Brown 1922,
 (Mesemb) **lupinum** 1824 → **Faucaria lupina** by MHG Schwantes 1926,
 (Mesemb) **luteolum** (RSA) 1826 → **Malephora luteola** by MHG Schwantes 1928,
 (Mesemb) **luteoviride** (Western Cape) 1812 → **Gibbaeum luteoviride** by NE Brown 1926,
 (Mesemb) **luteum** (RSA) 1826 → **Malephora lutea** by MHG Schwantes 1928,
 (Mesemb) **macrorrhizum** 1826 → **Mestoklema tuberosum** var **macrorrhizum** by HF Glen 1981,
 (Mesemb) **maculatum** (RSA) 1795 → **Drosanthemum maculatum** by MHG Schwantes 1927,
 (Mesemb) **maximum** (Western Cape) 1795 → **Ruschia maxima** by HML Bolus 1947,
 (Mesemb) **microphyllum** (RSA) 1803 → **Antimima microphylla** by HEK Hartmann 1998,
 (Mesemb) **minimum** (Little Karoo) 1795 → **Conophytum minimum** by NE Brown 1922,
 (Mesemb) **minutum** (Cape) 1803 → **Conophytum minutum** by NE Brown 1922,
 (Mesemb) **mucronatum** (Western Cape) 1803 → **Antimima mucronata** by HEK Hartmann 1998,

(Mesemb) **multiflorum** (RSA) 1795 → **Ruschia multiflora** by MHG Schwantes 1927,
 (Mesemb) **murinum** (Northern Cape) 1795 → **Stomatium murinum** by HJH Jacobsen 1933,
 (Mesemb) **musculinum** (Cape) 1826 → **Chasmatophyllum musculinum** by MK Dinter &
 MHG Schwantes 1927,
 (Mesemb) **mustelinum** (Northern Cape) 1819 → **Stomatium mustelinum** by MHG Schwantes 1926,
 (Mesemb) **nitidum** (Northern Cape, Western Cape) 1795 → **Phyllobolus nitidus** by M Gerbault 1997,
 (Mesemb) **nuciforme** (Western Cape) 1795 → **Gibbaeum nuciforme** by HF Glen & HEK Hartmann
 2001,
 (Mesemb) **obcordellum** (Western Cape) 1803 (disc by SF Masson c1794) → **Conophytum**
obcordellum by NE Brown 1922,
 (Mesemb) **obsubulatum** (Cape) 1803 → **Cylindrophyllum obsubulatum** by MHG Schwantes 1927,
 (Mesemb) **parviflorum** (RSA) 1803 → **Ruschia parviflora** by MHG Schwantes 1927,
 (Mesemb) **parvifolium** (Western Cape) 1821 → **Drosanthemum parvifolium** by MHG Schwantes
 1927,
 (Mesemb) **patulum** (Western Cape) 1819 → **Erepsia patula** by MHG Schwantes 1928,
 (Mesemb) **perviride** (Cape?) 1795 → **Gibbaeum perviride** by NE Brown 1922,
 (Mesemb) **petiveri** (Africa) 1795 (na J Petiver),
 (Mesemb) **pisiforme** (Western Cape) 1803 → **Monilaria pisiformis** by MHG Schwantes 1929,
 (Mesemb) **polyanthon** (RSA) 1812 → **Lampranthus polyanthon** by NE Brown 1930,
 (Mesemb) **productum** (Eastern Cape) 1824 → **Lampranthus productus** by NE Brown 1930,
 (Mesemb) **pubescens** (Western Cape) 1795 (disc by HWR Marloth) → **Gibbaeum pubescens** by
 NE Brown 1922,
 (Mesemb) **pulchellum** (RSA) 1803 → **Ruschia pulchella** by MHG Schwantes 1927,
 (Mesemb) **pulverulentum** (Western Cape) 1795 → **Drosanthemum pulverulentum** by
 MHG Schwantes 1927,
 (Mesemb) **purpureo-album** (Western Cape) 1826 → **Cephalophyllum purpureo-album** by
 MHG Schwantes 1928,
 (Mesemb) **purpureo-croceum** (Little Namaq, Western Cape) 1795 → **Malephora purpureo-crocea** by
 MHG Schwantes 1928,
 (Mesemb) **pygmaeum** (Western Cape) 1819 → **Antimima pygmaea** by HEK Hartmann 1998,
 (Mesemb) **rigidicaule** (RSA) 1821 → **Ruschia rigidicaulis** by MHG Schwantes 1949,
 (Mesemb) **rigidum** (RSA) 1803 → **Ruschia rigida** by MHG Schwantes 1927,
 (Mesemb) **robustum** (Namaq) 1803 → **Cheiridopsis robusta** by NE Brown 1926,
 (Mesemb) **rossii** (s Australia) 1821 (na ? Ross) → **Carpobrotus rossii** by MHG Schwantes 1928,
 (Mesemb) **rostellum** (RSA) 1821 → **Ruschia rostella** by MHG Schwantes 1927,
 (Mesemb) **rubricaule** (RSA) 1803 → **Ruschia rubricaule** by HML Bolus 1928,
 (Mesemb) **salmii** (Eastern Cape, Western Cape) 1819 (na JFM Salm-Dyck) → **Glottiphyllum salmii** by
 NE Brown 1922,
 (Mesemb) **sarmentosum** (Australia) 1812 → **Ruschia sarmentosa** by MHG Schwantes 1949,
 (Mesemb) **scapiger** (Eastern Cape) 1824 → **Bergeranthus scapiger** by MHG Schwantes 1926,
 (Mesemb) **semidentatum** (RSA) 1819 → **Ruschia semidentata** by MHG Schwantes 1926,
 (Mesemb) **serrulatum** (RSA) 1803 → **Ruschia serrulata** by MHG Schwantes 1938,
 (Mesemb) **speciosum** 1795 → **Drosanthemum speciosum** by MHG Schwantes 1927,
 (Mesemb) **spectabile** (RSA) 1795 → **Lampranthus spectabilis** by NE Brown 1930,
 (Mesemb) **spiniforme** (RSA) 1795 → **Lampranthus spiniformis** by NE Brown 1930,
 (Mesemb) **spinuliferum** (Little Namaq, Western Cape) 1795 → **Phyllobolus spinuliferus** by
 M Gerbault 1997,

(Mesemb) **stenum** (RSA) 1831 —> **Lampranthus stenus** by NE Brown 1930,
 (Mesemb) **stramineum** (Namibia, Cape) 1795 —> **Aridia noctiflora** ssp **straminea** by M Gerbaulet 1996,
 (Mesemb) **striatum** (Western Cape) 1795 —> **Drosanthemum striatum** by MHG Schwantes 1927,
 (Mesemb) **strictum** (RSA) 1803,
 (Mesemb) **strumosum** (Cape) 1821 —> **Trichodiadema strumosum** by HML Bolus 1928,
 (Mesemb) **subcompressum** (Western Cape) 1826 —> **Drosanthemum subcompressum** by MHG Schwantes 1927,
 (Mesemb) **subglobosum** —> **Drosanthemum subglobosum** by MHG Schwantes 1927,
 (Mesemb) **subincanum** 1824 —> **Delosperma subincanum** by MHG Schwantes 1927,
 (Mesemb) **subulatoides** (Western Cape) 1795 —> **Cephalophyllum subulatoides** by NE Brown 1929,
 (Mesemb) **surrectum** (Western Cape) 1821 —> **Glottiphyllum surrectum** by HML Bolus 1950,
 (Mesemb) **tenellum** (RSA) 1795 —> **Ruschia tenella** by MHG Schwantes 1927,
 (Mesemb) **teretifolium** 1812 —> **Calamophyllum teretifolium** by MHG Schwantes 1927,
 (Mesemb) **teretiusculum** 1795 —> **Calamophyllum teretiusculum** by MHG Schwantes 1927,
 (Mesemb) **testaceum** 1819 —> **Delosperma testaceum** by MHG Schwantes 1927,
 (Mesemb) **thunbergii** (Eastern Cape) 1803 (na CP Thunberg) —> **Malephora thunbergii** by MHG Schwantes 1928,
 (Mesemb) **tigrinum** (Eastern Cape) 1795 —> **Faucaria tigrina** by MHG Schwantes 1926,
 (Mesemb) **tricolorum** (Western Cape) 1795 —> **Cephalophyllum tricolorum** by MHG Schwantes 1928,
 (Mesemb) **tumidulum** (RSA) 1812 —> **Ruschia tumidula** by MHG Schwantes 1927,
 (Mesemb) **turbiniforme** (Northern Cape) 1821 (disc by WJ Burchell 1811) —> **Lithops turbiniformis** by NE Brown 1920,
 (Mesemb) **unidens** (RSA) 1826 —> **Ruschia unidens** by MHG Schwantes 1926,
 (Mesemb) **uviforme** (Cape) 1821 (possibly disc by SF Masson & CP Thunberg 1774) —> **Conophytum uviforme** by NE Brown 1922,
 (Mesemb) **vaginatum** (RSA) 1821 —> **Ruschia vaginata** by MHG Schwantes 1927,
 (Mesemb) **variabile** (RSA) 1803 —> **Lampranthus variabilis** by NE Brown 1930,
 (Mesemb) **varians** (Western Cape) 1803 —> **Sceletium varians** by M Gerbaulet 1996,
 (Mesemb) **virescens** (western Australia) 1812 —> **Carpobrotus virescens** by MHG Schwantes 1928,
 (Mesemb) **virgatum** (Western Cape) 1803 —> **Ruschia virgata** by HML Bolus 1927,
 (Mesemb) **viride** (Western Cape) 1795 —> **Smicrostigma viride** by NE Brown 1930,
 (Monanthes) **polyphylla** (Canary Islands) 1821,
 (Opuntia) **glomerata** (Argentina, Bolivia, Chile) 1830 —> **Maihueniopsis glomerata** by R Kiesling 1984,
 (Opuntia) **monacantha** (Brazil) 1819,
 (Opuntia) **polyacantha** (N Dakota to Texas to Arizona to Idaho to N Dakota & in between, Canada in Alberta & Saskatchewan, Chihuahua) 1819 (disc by T Nuttall 1811),
 (Pereskia) **grandifolia** (Brazil) 1821 (disc by J Bowie & A Cunningham 1816),
 (Piper) **incanum** (Brazil) 1819 —> **Peperomia incana** by FG Dietrich 1831,
 (Portulaca) **arachnoides** (Western Cape) 1803 —> **Anacampseros arachnoides** by J Sims 1811,
 (Portulaca) **filamentosa** (Western Cape, Free State) 1803 —> **Anacampseros filamentosa** by J Sims 1811,
 (Portulaca) **lanceolata** (Northern Cape, Western Cape) 1803 —> **Anacampseros lanceolata** by R Sweet 1826,
 (Portulaca) **rufescens** (Lesotho, Eastern Cape, Free State, Natal) 1819 —> **Anacampseros rufescens** by R Sweet 1826,
 (Rhipsalis) **cereuscula** (Uruguay, Paraguay, Argentina, Bolivia, Brazil) 1830,

(Rhipsalis) **grandiflora** (Brazil) 1819 (disc by J Bowie & A Cunningham 1816),
 (Rhipsalis) **mesembryanthemoides** (Rio de Janeiro) 1821 (disc by J Bowie & A Cunningham 1816),
 (Rhipsalis) **salicornioides** (Brazil) 1819 (disc by J Bowie & A Cunningham 1816) —> **Hatiora salicornioides** by NL Britton & JN Rose 1915,
 (Sansevieria) **grandicuspis** 1812,
 (Sedum) **glaucum** (Britain) 1812,
 (Sempervivum) **grandiflorum** (Italy, Switzerland) 1821,
 (Sempervivum) **laxum** (Canary Islands) 1821 —> **Aichryson laxum** by D Bramwell 1968;
 (Sempervivum) **tabuliforme** (Canary Islands) 1819 —> **Aeonium tabuliforme** by PB Webb & S Berthelot 1840,
 (Stapelia) **pulchra** (Cape) 1812 —> **Stapelia verrucosa** var **pulchra** by NE Brown 1909,
 (Tithymalus) **crispus** (Western Cape) 1819 —> **Euphorbia crispa** by R Sweet 1826,
 (Tithymalus) **silenifolius** (Western Cape, Eastern Cape) 1819 (disc by CP Thunberg c1774) —> **Euphorbia silenifolia** by R Sweet 1826,
 (Tridentia) **simsii** (Cape) 1812 (na J Sims) —> **Stapelis vetula** var **simsii** by NE Brown 1909,
 (Yucca) **flaccida** (Texas, Louisiana, Arkansas, Tennessee, Mississippi, Alabama, Georgia, N & S Carolina, Florida, Missouri, Oklahoma) 1819.

Transfer species:

"Agave foetida" (C Linnaeus 1753) —> **Furcraea foetida** 1812,
 "Aloe acinacifolia" (NJ von Jacquin 1811) —> **Gasteria acinacifolia** 1819,
 "Aloe nitida" (Salm-Dyck 1817) —> **Gasteria nitida** 1827,
 "Aloe reinwardtii" (JMF Salm-Dyck 1820) —> **Haworthia reinwardtii** 1821,
 "Aloe venosa" (C de Lamarck 1783) —> **Haworthia venosa** 1821,
 "Aloe viscosa" (C Linnaeus 1753) —> **Haworthia viscosa** 1812,
 "Anthericum bulbosum" (R Brown 1810) —> **Bulbine bulbosa** 1821,
 "Anthericum semibarbatum" (R Brown 1810) —> **Bulbine semibarbata** 1921,
 "Apicra fasciata" (KL von Willdenow 1811) —> **Haworthia fasciata** 1821,
 "Cactus fragilis" (T Nuttall 1818) —> **Opuntia fragilis** 1819,
 "Cactus phyllanthus" (C Linnaeus 1753) —> **Epiphyllum phyllanthus** 1812,
 "Cactus proliferus" (P Miller 1768) —> **Mamm. prolifera** 1812,
 "Cereus oxypetalus" (AP de Candolle 1828) —> **Epiphyllum oxypetalum** 1829,
 "Mesemb. glabrum" (W Aiton 1789) —> **Hymenogyne glabra** 1821,
 "Stapelia articulata" (W Aiton 1789) —> **Pectinaria articulata** 1819,
 "Stapelia caespitosa" (SF Masson 1797) —> **Duvalia caespitosa** 1812,
 "Stapelia clavigera" (NJ von Jacquin 1806) —> **Huernia clavigera** 1819,
 "Stapelia elegans" (SF Masson 1797) —> **Duvalia elegans** 1812,
 "Stapelia gemmiflora" (SF Masson 1797) —> **Tridentea gemmiflora** 1812,
 "Stapelia guttata" (F Masson 1797) —> **Huernia guttata** 1812,
 "Stapelia humilis" (SF Masson 1797) —> **Huernia humilis** 1812,
 "Stapelia pedunculata" (F Masson 1797) —> **Tromotriche pedunculata** by 1995,
 "Stapelia radiata" (J Sims 1803) —> **Duvalia radiata** 1812,
 "Stapelia reticulata" (SF Masson 1797) —> **Huernia reticulata** 1812,
 "Stapelia revoluta" (SF Masson 1796) —> **Tromotriche revoluta** 1812,
 "Stapelia umbellata" (W Roxburgh 1819) —> **Caralluma umbellata** 1812,
 "Vereia crenata" (? Andrews 1798) —> **Kalanchoe crenata** 1812;

desc variety:

(Aloe brevifolia var) **depressa** (Western Cape) 1880 (disc by HB Oldenland 1689),

(*Aloe glauca* var) **spinosior** (Northern Cape, Western Cape) 1821,
 (*Aloe margaritifera* var) **maxima** (Western Cape) 1804 → **Haworthia maxima** by HA Duval 1809,
 (*Haworthia setata* var) **nigricans** (Western Cape) 1821 → **Haworthia arachnoidea** var **nigricans** by MB Bayer 1999,
 (*Larochea falcata* var) **minor** (Eastern Cape) 1821 → **Crassula perfoliata** var **minor** by GD Rowley 1978,
 (*Mesemb purpureo-croceum* var) **flavocroceum** → **Malephora flavo-crocea** by HJ Jacobsen & MHG Schwantes 1938,
 (*Mesemb pallens* var) **pallens** (RSA) 1821 → **Drosanthemum pallens** by MHG Schwantes 1938;
transfer variety:
 "Aloe maculata var pulchra" (W Aiton 1789) → **Gasteria pulchra** 1912,
 "Aloe margaritifera var minima" (W Aiton 1789) → **Haworthia minima** 1812,
 "Aloe perfoliata var lineata" (W Aiton 1789) → **Aloe lineata** 1804,
 "Aloe perfoliata var saponaria" (W Aiton 1789) → **Aloe saponaria** 1804.

†**Hay**, Robert Howsmon (16 Nov 1882–9 May 1952); US owner of Hay Rubber Stamp Company, Washington DC c1910~; collected in Mex w JN Rose & WR Maxon; spouse Alma Elizabeth [née Bischoff] Hay (1885–1956);

disc species:

(*Echeveria*) **harmsii** [w JN Rose] (Oaxaca) c1930 (desc by JF Macbride 1931 & na HAT Harms),
 (*Villadia*) **guatemalensis** [w WR Maxon] (Guatemala, Oaxaca) (desc by JN Rose 1909).



†**Hayata**, Bunzô (7 Sep 1874–13 Jan 1934); [Hayata]; Japanese botanist & taxonomist in Tokyo; prof at Imperial Univ of Tokyo & third dir of research bot garden; plant collector;

desc species:

(*Sedum*) **erythrospermum** (Taiwan) 1913,
 (*Sedum*) **microsepalum** (Taiwan) 1913,
 (*Sedum*) **morrisonense** (Taiwan) 1908,
 (*Sedum*) **subcapitatum** (Taiwan) 1913 → **Hylotelephium subcapitatum** by H Ohba 1977.

Hayden, Nicky; British horticulturist;

Book [1975] *Cacti, Succ & Tropical Plants* London, Eng; Eng; 88p w 190 color photos & graphics; (editor of).

†**Hayek**, (Prof) (Dr med) August [Edler] von (14 Dec 1871–11 Jun 1928); {Hayek}; Austrian botanist & physician; MD 1895 & PhD 1905 at Wien Univ; prof at Wien Univ 1912~;

desc species:

(*Sempervivum*) **stiriaceum** (Austria) 1909 → **Sempervivum montanum** ssp **stiriaceum** by A von Hayek 1922;

transfer species:

"*Sempervivum burnatii*" (E Burnat 1906) → **Sempervivum montanum** ssp **burnatii** 1922.

†**Haygarth**, Walter Jacques (6 Oct 1862–28 Sep 1950); Irish illustrator; contributed illustrations in *Natal Plants* by JM Wood & MS Evans; collected in Natal & Griqualand, RSA; an aunt married JM Wood;

species nah:

(*Ceropegia*) **haygarthii** (Eastern Cape, Natal, Gauteng, Northern Prov, Mpumalanga, Mozambique, Angola) (desc & nah by H Schlechter 1905).



† **Hayne**, Friedrich Gottlob (18 Mar 1763–24 Apr 1832); {Hayne}; Ger botanist, taxonomist & pharmacist in Berlin; lecturer in botany at Univ of Berlin 1811~;

species nah:

(Echinocactus) **haynii** (Peru) (desc & nah by JFM Salm-Dyck 1850) (species name corrected to **E haynei** by KM Schumann 1903) —> **Matucana haynei** by NL Britton & JN Rose 1922.

† **Haynes**, [née Haddon,] Elsie (1881–1963); British to US 1919; studied art in Eng, Belgium & France 1908–09; landscape painter in Denver, Colorado 1919~; traveled in Colorado, Calif & Arizona; spouse Wm Haynes;

Book [1950] *Meet the Giant Cactus* Denver, Colorado; Eng; 27p w her drawings & photos.

Hazen-Hammond, Susan; US poet, photographer, painter & book author;

Book [1997] *The Great Saguaro Book* Berkeley, Calif; Eng; 144p.

† **HBK**, = FWH von Humboldt, AJA Bonpland & CS Kunth;

Book [1823–25] *Opuntiaceae (Cactaceae) in Nova Genera et Species Plantarum* Paris, France; Latin; 20p;

desc species:

(Cactus) **bleo** (nw S Amer, Panama) 1823 —> **Pereskia bleo** by AP de Candolle 1828,
(Peperomia) **dolabriformis** 1815.

Heath, Paul V (c1960–); {P.V.Heath}; British botanist; specialist in taxonomy of Cactaceae & Rosaceae

Book [1987] *Sussex C&S Yearbook 8:1987*; 69p; (editor of),

[1992–99] *Calyx*; (in 6 Vols); (editor of);

[1992] Vol 1; 196p;

[1992] Vol 2; 164p;

[1993–94] Vol 3; 204p;

[1993–94] Vol 4; 200p;

[1994–97] Vol 5; 160p;

[1998–99] Vol 6; 80p;

transfer species:

“*Acanthorhipsalis paranganiensis*” (M Cardenas 1952) —> **Pfeiffera paranganiensis** 1994,

“*Cereus micranthus*” (FKJ Vaupel 1913) —> **Pfeiffera micrantha** 1994,

“*Hariota [Hatiota] crenata*” (NL Britton 1891) —> **Pfeiffera crenata** 1994,

“*Rhipsalis monacantha*” (AHR Grisebach 1879) —> **Pfeiffera monacantha** 1994.

Heatlie, M;

Book [1979] *Stapeliads - an Introduction* Fife Branch of BCSS, Eng; Eng; 12p,

[1982] *Crassulaceae - an Introduction* Edinburgh Branch of BCSS, Eng; Eng; 14p.

† **Hebding**, René (1930–29 Sep 2002); {Hebding}; French head gardener at Jardin Botanique Les Cèdres, St. Jean Cap Ferrat, France — bot garden of Marnier-Lapostolle family; IOS member 1978;

species nah:

(Notonia) **hebdingii** (Mada) (desc & nah by WHH Rauh & G Buchloh 1987) —> **Senecio hebdingii** by GD Rowley 1994;

desc species:

(Euphorbia) **cedrorum** [w WHH Rauh] (Mada) 1993,

(Kalanchoe) **rechingeri** [w WHH Rauh] (Mada) 1995 (na KH Rechinger),

(Lomatophyllum) **anivoranoense** [w WHH Rauh] (Mada) 1998 —> **Aloe anivoranoensis** by LE Newton & GD Rowley 1998.

Hecht, (Dr) Hans; Ger scientist, botanist, phytopathologist & horticulturist; member of Ger Cactus Soc; IOS member 1965;

Book [1965] *Fortschritte der Kakteen- und Sukkulantenkunde 1964/65* Munich, Ger; Ger; 91p,
[1980] *Kakteen und andere Sukkulanten* Munchen; Ger; 127p,
[1982] *Handbuch der Kakteen* ="Manual of the Kakteen" Munich; Ger; 391p,
[1994] *C&S NYC*; Eng; 160p w 272 color photos.

†**Heckard**, (Dr) Lawrence [**Larry**] Ray (9 Apr 1923–26 Nov 1991); {Heckard}; US horticulturist & taxonomist; PhD in horticulture at Univ of Calif, Berkeley 1955; prof of botany at Illinois Univ 1955–60; botanist 1960~ & curator 1968~ at Jepson Herbaria & Library at Univ of Calif, Berkeley;

desc species:

(Lewisia) **serrata** [w GL Stebbins] (Calif) 1974 —> **Lewisia cantelovii** var **serrata** by S Hogan & MA Hershkovitz 2001.

†**Heckel**, (Dr) Edouard Marie (24 Mar 1843–20 Jan 1916); French landscape architect; designed & dir of bot garden at Borely Park, Marseille, France 1913~;

species nah:

(Sedum) **heckelii** (Tibet) (desc & nah by Raymond-Hamet 1910).

†**Heckner**, John Henry (1873–1938); US government surveyor in Oregon; nurseryman in Jacksonville, Oregon; collected native alpine plants;

species nah:

(Oreobroma) **heckneri** (Calif) (desc & nah by CV Morton 1931) —> **Lewisia cotyledon** var **heckneri** by PA Munz 1957;

(Sedum) **heckneri** (Calif) (desc & nah by ME Peck 1937) —> **Sedum laxum** ssp **heckneri** by RT Clausen 1942.

Hecktheuer, Achim;

Book [2008] *Mesembs - Mehr Als Nur Lithops* Norderstedt, Ger; Ger; 144p w color photos & maps in b/w.

†**Hedberg**, Karl **Olov** (19 Oct 1923–24 Sep 2007); {Hedberg}; Swedish botanist, ecologist & taxonomist; prof of systematic botany at Evolutionary Biology Centre, Uppsala, Sweden 1970–89; specialized on east African plants; spouse Inga Hedberg;

species nah:

(Crassula) **hedbergii** (Yemen, Ethiopia) (desc & nah by GE Wickens & M Bywater 1980).

Hedge, Ian Charles (1928–); {Hedge};

desc genus:

Dauphinea (Mada) 1983;

desc species:

(Dauphinea) **brevilabra** (Mada) 1983.

Hediger, A [André?] (fl. 1990); dir of school at Lubumbashi, Zaïre;

species nah:

(Monadenium) **hedigerianum** (Zaire) (desc & nah by FP Malaisse & JM Lecron 1990).



† **Heek**, Werner van (7 Mar 1941–20 Feb 2009); {van Heek}; Ger cactus grower;

Book [1998] *Alla Scoperta di Cactaceae Braziliane* Rome, Italy; 62p w 161 color photos,

[2000] *Rod Uebelmannia Buining* Brno; Czech; 32p w 81 color photos,

[2001] *Kakteen in Brasilien (Cacti in Brazil)* [w A Hofacker, GJ Charles, K Herm, B Bohle, W

Strecker & G Heimen] Ger; Ger/Eng; 176p;

desc species:

(Micranthocereus) **streckeri** [w L van Criekinge] (Bahia) 1986 (disc by both 1985 & na W Strecker).

† **Heerde**, Helen van; spouse P van Heerde;

disc subsp:

(Conophytum) **helenae** [w P van Heerde] (Cape) 1937 (desc & na Helen by R Rawe 1971)

—> **Conophytum tantillum** ssp **helenae** by SA Hammer 1991.

† **Heerde**, Lodewyk van (fl. 1935–47);

species nah:

(Ruschia) **lodewykii** (Little Namaq, Western Cape) (desc & nah by HML Bolus 1950) —> **Antimima**

lodewykii by HEK Hartmann 1998.



† **Heerde**, Pieter [**Piet**] van (30 Apr 1893–15 May 1979); Springbok, Northern Cape, RSA;

MA in chemistry at Univ of Cape Town; school teacher & principal 1926–52; collector w special

interest in succ of Namaq; spouse H van Heerde;

genus nah:

Vanheerdea (Bushmanland) (desc & nah by HML Bolus 1938);

species nah:

(Astridia) **vanheerdei** (Namaq) (desc & nah by HML Bolus 1962),

(Jensenobotrya) **vanheerdei** (RSA) (desc & nah by HML Bolus 1966),

(Lampranthus) **vanheerdei** (Northern Cape) (desc & nah by HML Bolus 1964),

(Mesemb) **vanheerdei** (RSA) (desc & nah by HML Bolus 1964),

(Rhinephyllum) **vanheerdei** (desc & nah by HML Bolus 1963) —> **Peersia vanheerdei** by HEK Hartmann

2001,

(Ruschia) **vanheerdei** (Little Namaq) (desc & nah by HML Bolus 1963);

disc species:

(Conophytum) **blandum** (Namaq) 1937 (desc by HML Bolus 1937),

(Conophytum) **eenkokerense** (Namaq) 1936 (desc by HML Bolus 1937) —> **Conophytum tantillum** ssp

eenkokerense by SA Hammer 2002,

(Conophytum) **haramoepense** (Bushmanland) 1936 (desc by HML Bolus 1937 & na locality Haramoep)

—> **Conophytum marginatum** ssp **haramoepense** by SA Hammer 2002,

(Conophytum) **koubergense** (Namaq) 1947 (desc by HML Bolus 1962) —> **Conophytum lithopsoides**

ssp **koubergense** by SA Hammer 1993,

(Conophytum) **regale** (Little Namaq) c1932 (disc by MG Lavis 1934),

(Conophytum) **vanheerdei** (Cape) c1950 (desc & nah by A Tischer 1955),

(Maughaniella) **luckhoffii** 1930 (desc by HML Bolus & na HA Luckhoff);

disc subsp:

(Conophytum) **helenae** [w Helen van Heerde] (Cape) 1937 (desc & na Helen by R Rawe 1971) —>

Conophytum tantillum ssp **helenae** by SA Hammer 1991.

†**Heese**, Emil (3 Mar 1862–6 Jun 1914); {Heese}; Ger horticulturist; owner of large collection of cacti at Gross-Lichterfelde, Ger; collected in Mex 1896;

desc species:

(Echinocactus) **maassii** (Bolivia, Argentina) 1907 (na W Maass) —> **Parodia maassii** by A Berger 1929,
(Pilocereus) **straussii** (Argentina, Bolivia) 1907 (na L Straus) —> **Cleistocactus straussii** by C Backeberg
1934.

Heger, Ewald (1932–); Ger bromeliad collector;

species nah:

(Parodia) **hegeri** (Bolivia) (desc by W Krahn, K Beckert & L Diers 2005 & disc by W Krahn);

disc species:

(Hildewintera) **colademononis** (Bolivia) (desc by L Diers & W Krahn 2003) —> **Cleistocactus colademononis** by R Mottram 2006.

Heigan, Martin P; RSA photographer; 3D VFX supervisor & photographer in film & television effects & animation industry;

Book [2007] *South Africa - Hidden Treasures of Nature*; Eng; 40p (book of mostly photographs of Stapeliads),
[2008] *Namaqualand & the Richtersveld: Nature's Spectacular Canvas — Volume 1*; Eng; 79p.

Heil, Kenneth Del (1941–); {K.D.Heil}; US biologist & horticulturist; MA in biological sciences at Washington State Univ, Pullman, Washington 1972; prof of biology at Navajo Community College, Shiprock, New Mex; prof of biology & geology, & founder & curator of herbarium, at San Juan College, Farmington, New Mex; IOS member 1985; interested in plants in Four Corners area of Utah, Colorado, New Mex & Arizona;

Book [1972] *The Cacti of San Juan County, New Mex* Pullman; Eng; 115p; (MA thesis),

[1982] *Knowlton Cactus (Pediocactus knowltonii) Recovery Plan* Shiprock; Eng; 30p,

[1984] *Davis' Green Pitaya Cactus (Echinocereus viridiflorus var davisii) Recovery Plan* Albuquerque, New Mex; Eng; 34p,

[1984] *Nellie Cory Cactus (Coryphantha minima) Recovery Plan* Albuquerque; Eng; 34p,

[1984] *Mesa Verde Cactus (Sclerocactus mesae-verdae) Recovery Plan* Albuquerque; Eng; 63p,

[1985] *The Rare & Sensitive Cacti of Carlsbad Caverns Natl Park* [w S Brack] Farmington, New Mex; Eng; 13p,

[1986] *Sneed & Lee Pincushion Cacti (Coryphantha sneedii var leei) Recovery Plan* [w S Brack] Albuquerque, Eng; 53p,

[1993] *Familiar Cacti of N Amer* NY; Eng; 192p w 80 color photo plates;

desc species:

(Pediocactus) **winkleri** (Utah) 1979 (disc by A & J Winkler 1975 & na J Winkler);

desc variety:

(Opuntia macrocentra var) **aureispina** [w S Brack] (Texas) 1988 —> **Opuntia aureispina** by DJ Pinkava & BD Parfitt 2001.

Heim, Alexander;

Book [2010] *Faszination Bunt die Welt der Panaschierten Yuccas* [w T Boeuf & S Weissbeck] Muenster, Ger; Ger; 135p w color photos.

Heimen, Gerhard (15 Oct 1949–); {Heimen}; Ger cactus hobbyist; specialist on Brazilian cacti;

Book [2001] *Kakteen in Brasilien (Cacti in Brazil)* [w A Hofacker, GJ Charles, W van Heek, B Bohle, W Strecker & K Herm] Ger; Ger/Eng;176p;

desc species:

(Melocactus) **paucispinus** [w R Paul] (Bahia) 1983 (disc by G Heimen et al.).

Hein Gossard, G;

Book [1992] *The Joshua Tree* Tehachapi; 112p.

†**Heine**, Hermann Heino (1922–1996); {Heine}; French botanist; IOS member 1967; explored in Central African Republic;

desc species:

(Commiphora) **kraeuseliana** (Namibia) 1956 (na R Kraeusel).



†**Heine**, (Dr) Otto **Rudolf** (1920–c2004); {O.R.Heine}; Ger horticulturist;

Book [1986] *Lithops — Lebende Steine* = "Lithops — Living Stones" Dresden, Ger; Ger; 175p w 97 color photos.



Heinerman, (Dr) John (3 Dec 1946–); US medical anthropologist;

PhD in medical anthropology at Airlangga Univ, Surabaya, Indonesia; dir of Medical Research in Salt Lake City, Utah for 35 yrs; his research has taken him to some 33 countries including China, Russia, India working with folk healers, doctors and scientists;

Book [1982] *Aloe Vera, Jojoba & Yucca (A Good Health Guide)* New Canaan, Connecticut; Eng; 25p.

†**Heinrich**, C;

Book [1939] *The Cactus-Feeding Phycitinae* DC; Eng; 83p.

†**Heinrich**, Walter; {Heinrich}; Ger cactus hobbyist in Leipzig; member of Ger Cactus Soc;

species nah:

(Horridocactus) **heinrichianus** (Chile) (desc & nah by C Backeberg 1942) —> **Eriosyce heinrichiana** by F Kattermann 1994;

desc variety:

(Tephrocactus pentlandii var) **rossianus** [w C Backeberg] (Bolivia) 1953 (na G Ross) —> **Cumulopuntia rossiana** by F Ritter 1980.

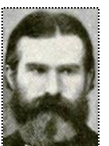


†**Heister**, (Prof) (Dr med) Lorenz [Laurentz] (19 Sep 1683–18 Apr 1758); {Heist.}; Ger anatomist, physician & botanist; MD at Harderwijk Univ 1708; prof of anatomy & surgery at Univ of Altdorf 1711-1720 & at Academy in Helmstädt, Ger, & in charge of bot gardens 1720~; FRS 1730; spouse Eva Maria Heister;

desc genera:

Brunsvigia (RSA) 1755,

Stisseria (RSA) 1730 (na IA Stisser) (synonym of & pre-Linnaeus name for Stapelia).



†**Heldreich**, Theodor Heinrich Hermann von (3 Mar 1822–7 Sep 1902); {Heldr.}; Ger botanist; to Greece 1851; dir of bot garden in Athens, Greece for over 50 yrs; friend of CR Darwin; spouse Sofia [née Katakouzinis] Heldreich;

desc species:

(Sedum) **grisebachii** [w PE Boissier] (Bulgaria, Greece, Turkey) 1856 (na AHR Grisebach),
(Sedum) **laconicum** [w PE Boissier] (Greece, Crete) 1846.

Helleman, (Dr) Hendrik Coenraad; Dutch biologist; PhD in mathematics & physics at Utrecht Univ 1940; spouse Aalje [née Beek] Helleman;
Book [1940] *De Galenica van Bowiea volubilis* HARV. Utrecht, Netherlands; 71p; (PhD thesis).

† **Heller**, Alfonse [Alfonso] Henry (1894–1973); US petroleum & mining engineer & amateur botanist; retired to Nicaragua 1956 where he pursued interest in archeology, orchid & cactus exploring;
disc species:
(Heliocereus) **aurantiacus** (Nicaragua, Honduras) 1959 (desc by MW Kimnach 1974) → **Disocactus speciosus** ssp **aurantiacus** by R Bauer 2003.

Heller, Thomas; Ger horticulturist;
Book [2003] *Agaven* Münster; 136p w 142 color photos; (rev 2006 w 167p & color photos).

Hellgren, Kerstin;
Book [1963] *Kaktusar* Uddevalla, Sweden; Swedish; 45p.

Hellwig, RE;
Book [1959] *Sansevieria Planting Machinery* [w MH Byron] DC; Eng; 26p.

† **Helm**, A Truman; US writer & illustrator;
Book [1931] *Desert Cacti (& Their Spiny Neighbours)* Phoenix, Arizona; Eng; 32p.

† **Helm**, Maria Magdalena (24 Dec 1886–28 May 1972); RSA horticulturist in Great Brak; explored in the Karoo region; large collection of succ in her rockery; spouse Ernest Daniel Helm (3 Sep 1872–6 Oct 1940);
species nah:
(Gibbaeum) **helmae** (Western Cape) (desc & nah by HML Bolus 1933);
disc species:
(Haworthia) **parksiana** (Western Cape) (desc by JKL von Poellnitz 1937 & na a park, Port Elizabeth Parks Dept).

Helme, Nicholas [Nick] Alexander (29 Jan 1969–); RSA; BSc at Cape Town, RSA 1990;
disc species:
(Conophytum) **hyracis** [w SA Hammer & others] (N Cape) 2007 (desc by SA Hammer 2009),
(Crassula) **fragarioides** (Western Cape) 2005 (desc by EF van Jaarsveld & N Helme 2011).

Helms, Christopher L;
Book [1980] *Sonoran Desert: The Story Behind the Scenery* Las Vegas, Nevada; Eng/Ger; 48p w 74 color photos.



† **Helms**, Richard (12 Dec 1842–17 Jul 1914); Ger to Australia 1858; zoologist, botanist, dentist & watchmaker; biologist at dept of agriculture, Sydney, Australia 1896–99; bacteriologist at dept of Mines & Agriculture, New S Wales 1900–08; collected in New Zealand & Australia 1889–89 & in Australia 1891–92; spouse Sarah Ann [née Reay] Helms (–~1914);

disc species:

(Tillaea) **helmsii** (Australia, Tasmania, New Zealand) ≈1899 (desc & nah by T Kirk 1899) —> **Crassula helmsii** by LC Cockayne 1907.

Hemadri, (Dr) Koppula (19 Sep 1938–); {Hemadri}; India surveyor; PhD at Bombay Univ, India;
desc species:

(Ceropegia) **mahabalei** [w MY Ansari] (India) 1971 (na TS Mahabale).

Hemming, Christopher [Chris] Francis (6 Oct 1926–); British botanist, entomologist & locust ecologist; member of Desert Locust Survey 1955–61; ecologist at Centre for Overseas Pest Research; collected in 1952, 1954 & 1958; member of Southern Turkana Expedition for an ecological survey in n Kenya 1968;

species nah:

(Aloe) **hemmingii**, (Somalia) (desc & nah by GW Reynolds & PRO Bally 1964 & disc by PRO Bally 1949);

disc species:

(Aloe) **heliderana** (Somalia) (desc by JJ Lavranos 1973),

(Pelargonium) **christophoranum** (Somalia) (desc & nah by B Verdcourt 1968).

† **Hempel**, [later Munthe,] (Dr) Jenny (19 Feb 1882–13 Feb 1975); Danish plant physiologist; PhD on pH of plant sap in succ plants at Univ of Copenhagen 1916; assistant prof in plant physiology at Univ of Copenhagen; spouse Wilhelm Munthe;

Book [1916] *Bidrag Til Kundskaben am Succulenternes Fysiologi en Plante-fysiologisk Studie* Copenhagen, Denmark; Danish; 147p; (thesis).



† **Hemsley**, (Dr hc) Wm Botting (29 Dec 1843–7 Oct 1924); {Hemsl.}; British botanist; gardener at Kew 1860~, at herbarium 1865–67 & 1883–1908 & keeper of herbarium & library 1899–1908; private scientist 1867–83; honorary doctorate from Univ of Aberdeen, Scotland ?; FRS 1889; FLS 1896; VMH 1909; spouse Clara Elizabeth [née Avery] Hemsley (Jul 1852–);

Book [1878] *Dianoses Plantarum Novarum vel minus Cognitarum Mexicanarum et Centrali-Americanarum. Pars Prima. Pelypetalae* London, Eng; 16p; (reprint Renner, Texas 1962),

[1879] *Cacti from Biologia Centrali- Americana* London, Eng; 76p; (1995 reprint);

species nah:

(Matelea) **hemsleyana** (Mex, El Salvador, Guatemala) (desc & nah by RE Woodson 1941),

(Sedum) **hemsleyanum** (Hidalgo, Morelos, Puebla, Guerrero, Oaxaca) (desc & nah by JN Rose 1903);

desc species:

(Aloe) **cameronii** (Malawi, Zambia, Mozambique, Zimbabwe) 1903 (disc by KJ Cameron 1894 & nah),

(Brachystelma) **edule** [w H Collett] (India, Myanmar, China) 1890,

(Cereus) **insularis** (St Michael's Mount Island off Brazil) 1884,

(Ceropegia) **nana** [w H Collett] (Myanmar) 1890.

(Ceropegia) **trichantha** (China, Myanmar, Malaysia, Thailand) 1885,

(Cotyledon) **albiflora** (Puebla, Oaxaca) 1878 —> **Villadia albiflora** by JN Rose 1905,

(Cotyledon) **jurgensenii** (Hidalgo, Queretaro, San Luis Potosi, Guanajuato, Puebla, Veracruz) 1878 (na ? Jurgensen) —> **Sedum jurgensenii** by RV Moran 1996,

(Hoya) **inconspicua** (Queensland, Solomon Islands, Papua New Guinea) 1894,

(Sedum) **batesii** (Mex into Guatamala) 1878 (na HW Bates),

(Sedum) **botteri** (Chiapas, Veracruz) 1878,

(Sedum) **bourgaei** (Mex) 1878 (na E Bourgeau),

(Sedum) **confusum** (Mex) 1878,

(Sedum) **cupressoides** (Oaxaca) 1878,

(Sedum) **filipes** (India, Nepal, Sikkim, Bhutan, China) 1887,
(Sedum) **fuscum** (San Luis Potosi) 1880,
(Sedum) **greggii** (Hidalgo) 1878 (disc by J Gregg c1847 & nah),
(Sedum) **guatemalense** (Guatemala) 1878,
(Sedum) **liebmannianum** (Texas, Oaxaca) 1878 (na FM Liebmann),
(Sedum) **pachyclados** [w JET Aitchison] (Afghanistan, Pakistan) 1880 → **Rhodiola pachyclados** by H Ohba 1976,

(Sedum) **parvum** (San Luis Potosi) 1878,
(Sedum) **polytrichoides** (China, Korea, Japan) 1887,
(Sedum) **retusum** (San Luis Potosi) 1880,
(Sedum) **tortuosum** (Mex) 1878,
(Sterculia) **murex** (Mpumalanga) 1893,
(Talinum) **mexicanum** (San Luis Potosi) 1879;

transfer species:

"Yucca longifolia" (JA Schultes 1830) → **Nolina longifolia** 1884;

desc variety:

(Sedum filipes var) **major** (Bhutan, Nepal, Sikkim) 1887 → **Sedum major** by H Migo 1944.



† **Henderson**, Murray Ross (12 Nov 1899–13 Nov 1982); {M.R.Hend.}; Scottish botanist; BSc in botany at Univ of Aberdeen; botanist at Museums Dept of Federated Malay States 1921; curator & dir of herbarium in Singapore Bot Garden 1924~; FLS 1922;

desc species:

(Ceropegia) **smithii** (Eastern Cape) 1945 (na GG Smith) → **Ceropegia radicans** ssp **smithii** by RA Dyer 1980,

(Stultitia) **umbracula** (Zimbabwe) 1962 → **Orbea umbracula** by LC Leach 1975.

† **Hendrickx**, Frédéric [**Fred**] Léon (13 Feb 1911–20 Jun 1980); {Hendr.}; Belgian agronomist; dir of I.N.E.A.C. Station de Muling-Tshibinda, Kivu Prov of then Belgian Congo (now Zaire);

disc species:

(Aloe) **hendrickxii** (Zaire) 1951 (desc & nah by GW Reynolds 1955).

Hennings, RO; friend of PRO Bally;

disc species:

(Euphorbia) **saxorum** (Kenya) 1952 (desc by PRO Bally & S Carter 1974).

† **Henri-Robert**,; Frenchman; friend of Raymond-Hamet;

species nah:

(Sedum) **henrici-robertii** (Tibet, China) (desc & nah by Raymond-Hamet 1913).



† **Henrici**, (Dr) Marguerite Gertrude [Gertrud] Anna (22 Feb 1892–28 Jul 1971); Swiss plant physiologist & botanist; PhD at Univ of Basle, Switzerland 1921; to RSA 1921; DSc at Univ of S Africa 1927; botanist & plant physiologist w dept of agriculture at Fauresmith, Free State, RSA 1929~ & worked w IB Pole Evans;

genera nah:

Henricia (Great Karoo) (desc & nah by HML Bolus 1936) (replaced by **Neohenricia** because **Henricia** was used before for another group of plants),

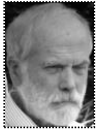
Neohenricia (Great Karoo) (desc & nah by HML Bolus 1938);

species nah:

(Mesemb) **henricii** (Western Cape) (desc & nah by HML Bolus 1923) —> **Lampranthus henricii** by NE Brown 1930;

disc species:

(Mesemb) **sibbettii** (Great Karoo) 1930 (desc by HML Bolus 1931 & na CJ Sibbett) —> **Neohenricia sibbettii** by HML Bolus 1938.



Henrickson, (Prof) (Dr) **James** Solberg (15 Oct 1940–); {Henr.}; US botanist; PhD at Rancho Santa Ana Bot Garden, Claremont, Calif 1968; prof of botany at Calif State Univ, Los Angeles, Calif 1966–2000; explored Chihuahuan Desert area; authority on genus *Fouquieria*; CSSA Fellow award 1987;

Book [1972] *Fouquieriaceae, A Taxonomic Revision*; 98p; (from *Aliso* magazine),
1973] *Fouquieriaceae DC* Stockholm, Sweden; 13p,
[1977] *Vegetative Morphology of the Fouquieriaceae* Ann Arbor, Michigan; 224p; (PhD thesis 1968; Claremont);

disc species:

(Escobaria) **henricksonii** (Durango, Chihuahua) 1972 (desc & nah by CE Glass & RA Foster 1977)
—> **Escobaria chihuahuensis** ssp **henricksonii** by NP Taylor 1998;

desc species:

(Portulaca) **johnstonii** (Coahuila) 1981 (na MC Johnston),
(Portulaca) **yecorensis** [w TR van Devender] (Sonora) 1999;

transfer species:

“*Fouquieria campanulata*” (GV Nash 1903) —> ***Fouquieria splendens* ssp *campanulata*** 1972;

desc subsp:

(*Fouquieria splendens* ssp) **breviflora** (central Mex) 1972.

Henry, Ambrose Nathaniel (1936–); {A.N.Henry}; British botanist; explored in India;

desc species:

(Euphorbia) **santapaui** (India) 1965 (na H Santapau).

† **Henslow**, George (23 Mar 1835–30 Dec 1925);

Book [1903] *S African Flowering Plants for the use of Beginners, Students & Teachers* London, Eng; Eng; 300p.



† **Henslow**, (Revd) John Stevens (6 Feb 1796–16 May 1861); {Hensl.}; British clergyman, botanist, naturalist, plant geographer, geologist & mineralogist; BA at St. John's College, Cambridge, Eng 1818; prof of mineralogy 1822–27 & botany at Cambridge Univ 1827~; founded Cambridge Univ bot garden 1831; rector of parish in Hitcham, Suffolk, Eng 1837~; friend of his student CR Darwin; FLS 1818; father-in-law of JD Hooker;

desc species:

(Opuntia) **darwinii** (Santa Cruz A) 1837 (disc by CR Darwin 1834 & nah) —> ***Maihueniopsis darwinii*** by F Ritter 1980,
(Opuntia) **galapageia** (Galápagos Islands) 1837 (disc by CR Darwin 1835).

Hentzschel, (Dr) Günter (28 Jan 1939–); Ger biologist at Allgemeine Botanik & at Univ of Hamburg bot garden;

Book [2000] *Sulcorebutia* [w W Gertel & K Augustin] Stuttgart, Ger; Ger; 180p.



† **Hepper**, Frank **Nigel** (13 Mar 1929–16 May 2013); [Hepper]; British botanist at Kew herbarium 1950~; honors degree at King's College Newcastle, Durham Univ; specialized in West African plants; explored in British Cameroon, Kenya, Tanzania & Malawi; spouse Helen [née Morrish] Hepper;

Book [1976] *The West African Herbaria of Isert & Thonning* Kew, Eng; Eng; 227p; (collection of plants by two Danish botanists on coasts of Ghana, Togo & Dahomey),

[1982] *Kew Gardens for Science & Pleasure* Owings Mills, Maryland US; Eng; 195p;

transfer species:

"*Smilacina forskaoliana*" (JH Schultes 1829) —> ***Sansevieria forskaoliana*** [w JRI Wood] 1983.



† **Hepworth**, Ernest H (Nov 1907–16 Jan 1997); British builder, decorator, horticulturist & nurseryman; owner of "Dante Succ Nurseries" near London 1949–59 & of "Mira Mar Nurseries" at Telscombe Cliffs near Brighton in Sussex, Eng 1959~; interested in succ 1939~, especially Mesembs;

Book [1970] *Lithops, Other Mesembryanthemums, Cacti, Succ, & Hardy Succ* Sussex, Eng; Eng; 13p.

† **Herbel**, Dieter (1934–2 Jul 2008); IOS member 1997; Ger;

Book [1969] *Im Reiche der Kakteen, Ihre Auswahl, Anzucht und Pflege* Munich, Ger; Ger; 112p w 35 plates,

[1978] *Alles Über Kakteen und andere Sukkulente* = "Everything over Kakteen & other Sukkulente"

Munich, Ger; Ger; 320p w 452 color photos,

[1983] *Blühende Kakteen* München; Ger; 46p w 20 color plates.



† **Herbert**, (Revd) Wm (12 Jan 1778–28 May 1847); British theologian, politician, amateur botanist, poet, artist & lawyer; Dean of Manchester 1840; attended Exeter College, Oxford, Eng; interested in bulbous plants; wrote articles for W Curtis' *Botanical Magazine*;

Book [1837] *Amaryllidaceae* London, Eng; Eng; 428p;

desc genera:

Boophane (RSA) 1821;

transfer species:

Amaryllis disticha" (C von Linne *fil.* 1782) —> ***Boophane disticha*** 1821.



† **Herder**, Ferdinand Gottfried [Theobald Maximilian] von (2 Feb 1828–7 Jun 1896); {Herder}; Bavarian botanist; prof & librarian at bot garden in St. Petersburg, Russia 1868–91;

desc species:

(Umbilicus) **semenovii** [w EA von Regel] (Kazakhstan, China) 1866 (na PP von Semenov)

—> ***Rhodiola semenovii*** by AG Borissova 1939.



Herdt, Cyriel [Cyril, Cyrille] de (1931–); Belgian nurseryman; dir of cactus nursery *Gebr. De Herdt* = 'The brothers De Herdt' at Rijkevorsel w brothers George & Etienne;

species nah:

(Mamm) **deherdtiana** (Oaxaca) (desc & nah by SJ Farwig 1969 & disc by F Schwarz 1959).

† **Herelle**, [Hérelle,] F [?Felix?] H d'; {d'Hérelle};

Book [1912] *Utilization del Bageza del Agave rigida* Mex City; 44p.

† **Herincq**, [Hérincq,] Francois (4 Jun 1820–15 Jun 1891); {Herincq}; French botanist & gardener at Muséum d' Histoire Naturelle in Paris;

desc species:

(*Cereus*) **bertinii** (Argentina, Chile) 1863 (disc by JF Cels 1855 & na P Bertin) —> **Austrocactus bertinii** by NL Britton & JN Rose 1922.

Herm, Konrad (8 Aug 1951–); {K.Herm}; Ger;

Book [2001] *Kakteen in Brasilien (Cacti in Brazil)* [w A Hofacker, GJ Charles, W van Heek, B Bohle, W Strecker & G Heimen] Ger; Ger/Eng; 176p w 365 color photos;

desc subsp:

(*Frailea buenekeri* ssp) **densispina** [w A Hofacker] (Rio Grande do Sul) 1997 (disc by A Hofacker 1989).

†**Hermann**, [Hermanni, Hermanno, Hermannus] (Prof) (Dr med) **Paul** [Pauli, Paulus] (30 Jun 1646–29 Jan 1695); {Herm.}; Ger to The Netherlands; physician, systematist, botanist, botanical illustrator & herbalist; studied theology & medicine in Wittenberg & botany in Leipzig; MD at School of Medicine, Padua, Italy 1670; medical officer at Dutch East India Company in Ceylon (later Sri Lanka) 1672–77; collected at the Cape, RSA short time in 1672 before sailing on to work & collect in Ceylon & India; sent plant seeds to J Commelin & J Breyne; prof of botany & dir of bot garden at Univ of Leiden, Netherlands 1679~; student (w Wm Sherard) in Paris with Prof JP Tournefort 1688; given credit for genus name *Cereus* 1698 & desc by P Miller 1754; first to use genus name *Epiphyllum* in c1689, but never pub until AH Haworth did in 1812; pre-Linnaean systematist, classifying plants by their fruits; his herbaria ended up w Sir Joseph Banks and then at the British Museum of Natural History after C Linnaeus used it in writing his 1753 *Species Plantarum*; (no known photo of P Hermann);

Book [1687] *Horti Academici Lugduno-Batavi Catalogus* Leiden; Latin; 699p w 89 copper-engraved plates; (a catalogue of plants (including succ mesembs) in Leiden Gardens from 1681 to 1686),

[1698] *Paradisus Batavus Prodomus*; Latin; 247p; pub after his death by his widow at Leiden; edited by Wm Sherard (1659–1728); used name *Cereus* in this book;

species nah:

(Mesemb) **hermanni** (desc & nah by AH Haworth 1795);

disc species:

(Crassula) **dichotoma** (Northern Cape, Western Cape) 1687 (desc by C Linnaeus 1760),

(Euphorbia) **tuberosa** (Western Cape) c1675 (desc by C Linnaeus 1753),

(Mesemb) **edule** (Cape) 1672 (desc by C Linnaeus 1759) —> **Carpobrotus edulis** by NE Brown 1927,

(Stapelia) **mammillaris** (Namibia, Northern Cape) c1675 (desc by C Linnaeus 1771) —> **Quaqua**

mammillaris by PV Bruyns 1983.

Hernandez, A Flores—See **Flores Hernandez**, A.

Hernandez, Eulalio; Mex; nephew of F Otero & collected w him;

species nah:

(Mamm) **hernandezii** (Oaxaca) (desc & nah by CE Glass & RA Foster 1983 & disc by F Otero & E Hernandez 1978),

(Sedum) **hernandezii** (Puebla) (desc & nah by J Meyran 1990).



†**Hernandez**, [Hernández de Toledo,] (Dr med) Francisco [García] (1514–28 Jan 1587); {F.Hern.}; Spanish physician, naturalist & historian; studied medicine & botany at Univ of Alcalá, Spain; physician to King Philip II of Spain; bot researcher w scientific expedition to New Spain (Mex) 1570–77 & first European to study succ flora of Mex; first trained scientist to study flora in New World;

Book [1651] *Rerum Medicarum Novae Hispaniae Thesaurus*; an early natural history of Mex; (in 2 Vols); pub after death, w description of 'Pitahaya', fruit of the Saguaro, & woodcuts of *Opuntia*, *Agave*, *Aporocactus*, *Disocactus*; edition as late as 1790 pub in Madrid, Spain;

disc species:

(Agave) **americana** (Texas into Mex) 1571–77 (desc by C Linnaeus 1753).



Hernandez, [Hernández Macías,] (Dr) Héctor Manuel (12 Oct 1954–); {H.M.Hern.}; Mex botanist; PhD at St. Louis Univ, Missouri 1987; curator 1988-1993, head of botany dept 1994 & dir 1995-2003 at Instituto de Biología, UNAM; specialist in systematics, biogeography & conservation biology of Cactaceae; IOS member 1991, VP 2010 & Pres 3 Jul 2012~; chairman of IUCN/SSC C&S Plant Specialist Group; explored throughout Mex & in Central Amer & Texas;

Book [2006] *La Vida en Los Desiertos Mexicanos* = "Life in the Mexican Desert"; Spanish;

188p w 143 color photos,

[2011] *Mapping the Cacti of Mexico* [w C Gomez-Hinostrosa] Milborne Port, Eng; Eng;

128p w 34 color photos;

desc species:

(Ariocarpus) **bravoanus** [w EF Anderson] (San Luis Potosi) 1992 (disc by HM Hernandez 1991 & na H Bravo-Hollis),

(Opuntia) **xandersonii** [w C Gomez-Hinostrosa & RT Barcenás] (San Luis Potosi) 2003 (disc by them 2000),

(Peniocactus) **chiapensis** [w C Gomez-Hinostrosa] (Chiapas) 2005 (disc by H Bravo-Hollis 1967);

desc subsp:

(Echinocereus ssp palmeri) **mazapil** [w C Gomez-Hinostrosa] (Zacatecas) 2004 (disc by them & B Goettsch 2001).



Hernandez, [Hernández-Sandoval,] (Dr) Luis Geardo (16 Feb 1958–); {L. Hern.}; Mex botanist, nolinologist, agavologist; PhD at Univ of Texas, Austin 1993; research prof at Autonomous Univ of Querétaro 1994~; IOS member 1998;

desc species:

(Agave) **garciae-mendozae** [w R Galvan Villanueva] (Hidalgo, Queretaro, San Luis Potosi) 2002 (na A Garcia Mendoza),

(Beaucarnea) **hiriartiae** (Guerrero) 1992 (na P Hiriart Valencia).

† **Hernandez-Camacho**, Jorge Ignacio [el Mono] (17 Jan 1935– 15 Sep 2001); Colombian organismic biologist & naturalist; BS in biological sciences at Nuevo Licea College, Bogoto, Colombia 1963; interested in primates, especially 'woolly monkeys' & reason he was called 'el Mono';

species nah:

(Melocactus) **hernandezii** (Colombia) (desc & nah by JL Fernandez-Alonso & GM Xhonneux 2002 & disc by Carlos Saravia et al. 1964) —> **Melocactus andinus** ssp **hernandezii** by NP Taylor 2003.

Hernandez Valencia, Rosa Elia Margarita (1958–); Mex;

Book [1981] *Cactaceas de Doctor Arroyo, Nuevo Leon* Monterrey, Mex; Spanish; 100p,

[1985] *Cactaceas de San Luis Potosi* San Luis Potosi, Mex; Spanish; 91p.

Hernandez-Vera, [Hernández-Vera,] Gerardo;

Book [2007] *Agaves del Occidente de Mexico* [w M de J Chazaro Basanez, JA Vazquez-Garcia, EP Flores-Berrios, YL Vargas-Rodriguez] Guadalajara, Mex; Spanish; 221p w color photos.

Herndon, [née Boulton] Betty; US; writer of children's books;

Book [1950] *Adventures in Cactusland* Caldwell, Idaho; Eng; 169p w pen drawings by author.

Herold, H;

Book [1964] *Fibel für Kakteenfreunde* = "Booklet for Kakteenfreunde" Wiesbaden, Ger; Ger; 92p w 16 color photos,

[1967] *Het Verzorgen en Kweken van Caktussen*; Wageningen, Netherlands; Dutch; 107p,

[1975] *Kakteen Sammein und Pflegen* Munich, West Ger; Ger; 111p.



† **Herre**, Adolph [Adolar] Gottlieb Julius [**Hans**] (7 Apr 1895–16 Jan 1979); {A.G.J.Herre}; Ger gardener, horticulturist & succ plant specialist; to RSA 1925; curator under GC Nel at Stellenbosch Univ Bot Garden, Cape Town, RSA (1925–60); explored in Namaq, Richtersveld, the Karoo & Namibia; may have been the first to grow *Welwitschia mirabilis* from seed to seed after 22 yrs; student of Mesembs; known as the “father of Mesembryanthemaceae”; IOS member 1953; CSSA

Fellow award 1965; honored w *Hans Herre Award* nah, established in 2000 for exploration & cultivation of succ plants;

Book [1938] *Mesembryanthemaceae* [w H Jacobsen & OH Volk] Stuttgart, Ger; Ger; 128p,

[1971] *The Genera of the Mesembryanthemaceae* Cape Town, RSA; Eng;

316p w 124 graphic color plates; (illustrations mostly by BO Carter & MM Page);

genera nah:

Herrea (Namaq, Karroo) (desc & nah by MHG Schwantes 1928) (syn of Conicosia),

Herreanthus (Namaq) (desc & nah by MHG Schwantes 1928) (syn of Conophytum);

desc genera:

Amphilbolia (Namibia) 1971 (name first used by HML Bolus in 1965 but not pub),

Arenifera (Namaq) 1948,

Jensenobotrya (Namibia) 1951 (na E Jensen);

species nah:

(Anacampseros) **herreana** (Northern Cape) (desc & nah by JKL von Poellnitz 1930) —> **Avonia herreana** by GD Rowley 1994,

(Astridia) **herrei** (Namaq) (desc & nah by HML Bolus 1964),

(Brunsvigia) **herrei** (Northern Cape) (desc & nah by WF Barker 1963),

(Cephalophyllum) **herrei** (Namibia, Namaq) (desc & nah by HML Bolus 1932),

(Cheiridopsis) **herrei** (Little Namaq) (desc & nah by HML Bolus 1931),

(Conophytum) **herreanthus** (Namaq) (desc & nah by SA Hammer 1993 & disc by LG Meyer c1925),

(Conophytum) **herrei** (Cape) (desc & nah by MHG Schwantes 1928),

(Crassula) **herrei** (Northern Cape) (desc & nah by HC Friedrich 1967) —> **Crassula nudicaulis** var **herrei** by HR Tolken 1975,

(Cryptostephanus) **herrei** (Northern Cape) (desc & nah by FM Leighton 1932) —> **Cyrtanthus herrei** by RA Dyer 1959,

(Haworthia) **herrei** (Eastern Cape) (desc & nah by JKL von Poellnitz 1929) —> **Haworthia glauca** var **herrei** by MB Bayer 1976,

(Hereroa) **herrei** (Eastern Cape) (desc & nah by MHG Schwantes 1928),

(Huernia) **herrei** (Little Namaq) (desc & nah by AC White & BL Sloane),

(Hymenocyclus) **herrei** (RSA) (desc & nah by MHG Schwantes 1927) —> **Malephora herrei** by MHG Schwantes 1928,

(Micropterum) **herrei** (Cape) (desc & nah by MHG Schwantes 1950) —> **Cleretum herrei** by

H-D Ihlenfeldt & M Struck 1987,
 (Ruschia) **herrei** (Cape) (desc & nah by MHG Schwantes 1928) —> **Antimima herrei** by HEK Hartmann 1998,
 (Sarcocaulon) **herrei** (Northern Cape) (desc & nah by HML Bolus 1932) —> **Monsonia herrei** by F Albers 1996,
 (Schwantesia) **herrei** (Little Namaq) (desc & nah by HML Bolus 1931),
 (Senecio) **herreanus** (Great Namaq) (desc & nah by MK Dinter 1932);

disc species:
 (Caralluma) **umdausensis** (Cape, Little Namaq) 1929 (desc by GC Nel 1936),
 (Cheiridopsis) **excavata** (Little Namaq) 1935 (desc by HML Bolus 1937) —> **Ihlenfeldtia excavata** by HEK Hartmann 1992,
 (Conophytum) **concaum** (Namaq) 1934 (desc by HML Bolus 1936),
 (Conophytum) **fragile** (Little Namaq) 1920s (desc by A Tischer 1956) —> **Conophytum jucundum** ssp **fragile** by SA Hammer 2002,
 (Conophytum) **lindenianum** (Little Namaq) c1928 (desc by MG Lavis & SA Hammer 1989 & na SL Linden) —> **Conophytum tantillum** ssp **lindenianum** by SA Hammer 1991,
 (Conophytum) **longibracteatum** (Namaq) 1929 (desc by HML Bolus 1937),
 (Conophytum) **polyandrum** (Little Namaq) c1930 (desc by MG Lavis 1934) —> **Conophytum velutinum** ssp **polyandrum** by SA Hammer 1993,
 (Conophytum) **rostratum** (Richtersveld) (desc by A Tischer 1957) —> **Conophytum quaesitum** var **rostratum** by SA Hammer 1993,
 (Conophytum) **terrestre** (Cape) 1957 (desc by A Tischer 1960) —> **Conophytum pellucidum** ssp **cupreatum** var **terrestre** by SA Hammer 1993,
 (Cotyledon) **faucium** (Western Cape) (desc by JKL von Poellnitz 1941) —> **Tylecodon faucium** by HR Tolken 1978,
 (Cotyledon) **hirtifolia** (Northern Cape) (desc by WE Barker 1938) —> **Tylecodon hirtifolius** by HR Tolken 1978,
 (Echidnopsis) **serpentina** (Cape) 1931 (desc by GC Nel 1937),
 (Euphorbia) **confluens** (Richtersveld) 1929 (desc by GC Nel 1933),
 (Euphorbia) **herrei** (Namibia, Northern Cape) 1930 (desc & nah by AC White, BL Sloane & RA Dyer 1941),
 (Euphorbia) **melanohydrata** (Namaq) 1930 (desc by GC Nel 1935),
 (Euphorbia) **multifolia** [w GG Smith] (Western Cape) (desc by BL Sloane, AC White & RA Dyer 1941),
 (Euphorbia) **pentops** (Namaq) 1930 (desc by BL Sloane, AC White & RA Dyer 1941),
 (Euphorbia) **quadrata** (Namaq) 1930 (desc by GC Nel 1935),
 (Euphorbia) **tubiglans** (Eastern Cape) 481930 (desc by HWR Marloth 1934),
 (Haworthia) **poellnitziana** (Cape) (desc by AJA Uitewaal 1939 & na JKL von Poellnitz) —> **Haworthia minima** var **poellnitziana** by MB Bayer 1999,
 (Lithops) **geyeri** (Little Namaq) 1939 (desc by GC Nel 1943 & na AL Geyer),
 (Lithops) **herrei** (Namaq) (desc & nah by HML Bolus 1932),
 (Ophthalmophyllum) **latum** (Namaq) c1928 (desc by A Tischer 1958) —> **Conophytum maughanii** ssp **latum** by SA Hammer 1993,
 (Othonna) **herrei** (Little Namaq) (desc & nah by NS Pillans 1934),
 (Stapelia) **herrei** (Northern Cape) 1930 (desc & nah by GC Nel 1933) —> **Tromotriche herrei** by PV Bruyns 1995,
 (Stapelia) **neliana** (Little Namaq) 1930 (desc by AC White & BL Sloane 1937 & na GC Nel),
 (Stapelia) **rubiginosa** (Northern Cape) 1929 (desc by GC Nel 1935),

(Trichocaulon) **columnare** (Northern Cape) 1929 (desc by GC Nel 1933) —> **Notechidnopsis columnaris** by JJ Lavranos & MC Bellerue-Bleck 1985,

(Trichocaulon) **columnare** (Cape, Little Namaq) 1929 (desc by GC Nel 1933);

desc species:

(Crassula) **fusca** (Northern Cape) 1953,

(Jensenobotrya) **lossowiana** (Namibia) 1951 (disc by Mrs von Budwitz c1948 & na O von Lossow);

transfer species:

"Mesemb nakurense" (HGA Engler 1909) —> **Delosperma nakurense** 1948,

"Mesemb oehleri" (HGA Engler 1909) —> **Delosperma oehleri** 1948,

"Psammophora pillansii" (HML Bolus 1927) —> **Arenifera pillansii** 1948;

disc subsp:

(Conophytum maughanii ssp) **armeniacum** (Namaq) c1928 (desc by SA Hammer 1993).



† **Herrera**, [Herrera López,] Alfonso Luis (3 Jul 1868–17 Sep 1942); Mex biologist, pharmacist, naturalist, educator & founder of several institutions in Mex City; founded zoological garden at Chapultepec, Mex 1923;

species nah:

(Ferocactus) **herrerae** (Sinaloa, Sonora, Durango) (desc & nah by JG Ortega 1927).



† **Herrera**, [Herrera y Garmendia,] (Prof) (Dr) Fortunato Luciano (16 Dec 1873–13 Apr 1945); {Herrera}; Peruvian botanist; DSc 1911; prof of botany at Univ of Cuzco 1912–33; prof at Faculty of Science, Univ of San Marcos, Lima & dir of Museo Histórico Nacional 1933~; spouse Rachel [née Ugarte Bar] Herrera;

Book [1930] *The Cacti of Cuzco*; Spanish; 308p,

[1936] *Cactaceas del Departamento de Cuzco* Lima, Peru; Spanish; 111p,

[c1950] *Cactaceas del Departamento de Cuzco* Lima; Spanish; 528p;

species nah:

(Mamm) **herrerae** (Queretaro) (desc & nah by E Werdermann 1931),

(Oxalis) **herrerae** (Peru) (desc & nah by RGP Knuth 1930).

Herselman, Frederik T;

disc species:

(Lithops dinteri var) **frederici** (Little Namaq) 1968 (desc & nah by DT Cole 1973)—> **Lithops dinteri** ssp **frederici** by DT Cole 1988.

Hershkovitz, (Dr) Mark Alan (1946–); {Hershk.}; US biologist; PhD at Univ of Calif 1990; research taxonomist & curator of herbarium at US Natl Arboretum, DC 1997~;

desc genus:

Parakeelya (Australia) 1999;

transfer species:

"Calandrinia arenaria" (LKA von Chamisso 1831) —> **Cistanthe arenaria** 1991,

"Calandrinia arenicola" (ST Syeda 1996) —> **Parakeelya arenicola** 1999,

"Calandrinia balonensis" (J Lindley 1848) —> **Parakeelya balonensis** 1990,

"Calandrinia brevipedata" (FJH von Mueller 1876) —> **Parakeelya brevipedata** 1999,

"Calandrinia calycina" (RA Philippi 1860) —> **Cistanthe calycina** 1991,

"Calandrinia calyptrate" (JD Hooker 1840) —> **Parakeelya calyptrate** 1999,

"Calandrinia cephalophora" (IM Johnston 1929) —> **Cistanthe cephalophora** 1991,

"Calandrinia coquimbensis" (FM Barneoud 1847) —> **Cistanthe coquimbensis** 1991,
 "Calandrinia corrigioloides" (FJH von Mueller 1876) —> **Parakeelya corrigioloides** 1999,
 "Calandrinia creethae" (A Morrison 1912) —> **Parakeelya creethae** 1999,
 "Calandrinia cymosa" (RA Philippi 1893) —> **Cistanthe cymosa** 1991,
 "Calandrinia densiflora" (FM Barneoud 1847) —> **Cistanthe densiflora** 1991,
 "Calandrinia disperma" (JM Black 1921) —> **Parakeelya disperma** 1999,
 "Calandrinia eremaea" (AJ Ewart 1921) —> **Parakeelya eremaea** 1999,
 "Calandrinia fenzlii" (FM Barneoud 1847) —> **Cistanthe fenzlii** 1991,
 "Calandrinia galapagosa" (H St. John 1937) —> **Talinum galapagosum** 1991.
 "Calandrinia grandiflora" (J Lindley 1828) —> **Cistanthe grandiflora** 1990,
 "Calandrinia gracilis" (G Bentham 1863) —> **Cistanthe gracilis** 1999,
 "Calandrinia lehmannii" (SFL Endlicher 1848) —> **Parakeelya lehmannii** 1999,
 "Calandrinia liniflora" (E Fenzl 1837) —> **Parakeelya liniflora** 1999,
 "Calandrinia longiscapa" (FM Barneoud 1847) —> **Cistanthe longiscapa** 1991,
 "Calandrinia maritime" (J Torrey & A Gray 1838) —> **Cistanthe maritima** 1990,
 "Calandrinia paniculata" (AP de Candolle 1828) —> **Cistanthe paniculata** 1991,
 "Calandrinia papillata" (ST Syeda 1980) —> **Parakeelya papillata** 1999,
 "Calandrinia pickeringii" (A Gray 1854) —> **Parakeelya pickeringii** 1999,
 "Calandrinia picta" (GAW Arnott 1831) —> **Cistanthe picta** 1991,
 "Calandrinia pleiopetala" (FJH von Mueller 1876) —> **Parakeelya pleiopetala** 1999,
 "Calandrinia polyandra" (G Bentham 1863) —> **Cistanthe polyandra** 1999,
 "Calandrinia polypetala" (E Fenzl 1837) —> **Parakeelya polypetala** 1999,
 "Calandrinia porifera" (ST Syeda 1980) —> **Parakeelya porifera** 1999,
 "Calandrinia primuliflora" (FLE Diels 1904) —> **Parakeelya primuliflora** 1999,
 "Calandrinia ptychosperma" (FJH von Mueller 1876) —> **Parakeelya ptychosperma** 1999,
 "Calandrinia quadrivalvis" (FJH von Mueller 1876) —> **Parakeelya quadrivalvis** 1999,
 "Calandrinia remota" (JM Black 1923) —> **Parakeelya remota** 1999,
 "Calandrinia reticulate" (ST Syeda 1980) —> **Parakeelya reticulata** 1999,
 "Calandrinia salsoloides" (FM Barneoud 1847) —> **Cistanthe salsoloides** 1990,
 "Calandrinia schistorhiza" (A Morrison 1912) —> **Parakeelya schistorhiza** 1999,
 "Calandrinia spergularina" (FJH von Mueller 1876) —> **Parakeelya spergularina** by 1999,
 "Calandrinia sphaerophylla" (JM Black 1927) —> **Parakeelya sphaerophylla** 1999,
 "Calandrinia stagnensis" (JM Black 1927) —> **Parakeelya stagnensis** 1999,
 "Calandrinia strophiolata" (FJH von Mueller 1876) —> **Parakeelya strophiolata** 1999,
 "Calandrinia tumida" (ST Syeda 1996) —> **Parakeelya tumida** 1999,
 "Calandrinia tweedyi" (A Gray 1887) —> **Cistanthe tweedyi** 1990,
 "Calandrinia uniflora" (FJH von Mueller 1876) —> **Parakeelya uniflora** 1999,
 "Calandrinia volubilis" (G Bentham 1863) —> **Cistanthe volubilis** 1999,
 "Calandrinia weberbaueri" (FLE Diels 1906) —> **Cistanthe weberbaueri** 1991,
 "Calyptridium monandrum" (J Torrey & A Gray 1838) —> **Cistanthe monandra** 1990,
 "Calyptridium monospermum" (EL Greene 1895) —> **Cistanthe monosperma** 1990,
 "Calyptridium parryi" (A Gray 1887) —> **Cistanthe parryi** 1990,
 "Calyptridium pygmaeum" (PA Rydberg 1902) —> **Cistanthe pygmaea** 1990,
 "Calyptridium quadripetalum" (S Watson 1885) —> **Cistanthe quadripetala** 1990,
 "Calyptridium roseum" (S Watson 1871) —> **Cistanthe rosea** 1990,
 "Claytonia ambigua" (S Watson 1882) —> **Cistanthe ambigua** 1990,
 "Lewisia serrata" (LR Heckard & GL Stebbins 1974) —> **Lewisia cantelovii** var **serrata** [w S Hogan] 2001,

"Silvaea amarantoides" (RA Philippi 1860) —> **Cistanthe amarantoides** 1991,
 "Silvaea celosioides" (RA Philippi 1860) —> **Cistanthe celosioides** 1990,
 "Spraguea pulchella" (A Eastwood 1902) —> **Cistanthe pulchella** 1990,
 "Spraguea umbellata" (J Torrey 1853) —> **Cistanthe umbellata** 1990,
 "Talinum guadalupense" (WR Dudley 1899) —> **Cistanthe guadalupensis** 1990,
 "Talinum lingulatum" (H Ruiz & JA Pavon 1798) —> **Cistanthe lingulata** 1991,
 "Talinum nanum" (CGD Nees 1824) —> **Parakeelya nanum** 1999;

transfer variety:

"Calandrinia calyptrate var pumila" (FJH Mueller 1863) —> **Parakeelya pumila** 1999,
 "Calandrinia polypetala var composita" (CGD Nees 1845) —> **Parakeelya composita** 1999.

† **Herter**, (Dr) Wilhelm Gustav Franz [Guillermo Gustavo Francisco, Francis] (10 Jan 1884–17 Apr 1958); {Herter}; Ger botanist & physician; PhD at Berlin Univ 1908; to Uruguay 1907, 1909–10 & 1923–39; dir of Montevideo Botanical Garden; wrote a Flora of Uruguay; founding member of IOS 1950;

Book [1930] *Estudios Botánicos en la Region Uruguaya* Montevideo, Uruguay; Portuguese(?); 191p;

disc species:

(Echinocactus) **herteri** (Uruguay, Brazil) 1933 (desc & nah by E Werdermann 1936) —> **Parodia herteri** by NP Taylor 1987;

desc species:

(Notocactus) **werdermannianus** (Uruguay) 1942 (na E Werdermann) —> **Parodia werdermanniana** by NP Taylor 1987.

† **Hertling**, (Mr) ?; Ger merchant and trader of Bayer drugs in Peru; explored w C Backeberg in Peru 1931;

species nah:

(Clistanthocereus) **hertlingianus** (Peru) (desc & nah by C Backeberg 1937) —> **Browningia hertlingiana** by F Buxbaum 1965.



† **Hertrich**, (Dr) Wm (23 Jan 1878–18 May 1966); {Hertrich}; Ger to US 1900; horticulturalist; creator & dir of Huntington Bot Gardens, San Marino, Calif 1903–1962, w cactus garden open 1907 & to public 1927; CSSA Fellow award 1941; Garden Club of Amer Medal of Honor award 1955; spouse Margarete Hertrich;

Book [1937] *A Guide to the Desert Plant Collection of Huntington Bot Garden* Pasadena, Calif; Eng; 40p,
 [1949] *The Huntington Bot Gardens 1905–1949* San Marino; Eng; 167p;

genus nah:

Hertrichocereus (Guerrero) (desc & nah by C Backeberg 1950) (syn of Stenocereus RICCOBONO);

species nah:

(Lobivia) **hertrichiana** (Peru) (desc & nah by C Backeberg 1933) —> **Echinopsis hertrichiana** by DR Hunt 1991.

Herwig, Rob (1935–); Dutch horticulturist;

Book [1989] *The Hamlyn Encyclopedia of House Plants* London, Eng; Eng; 208p w 695 color photos; (includes many succ).



† **Herzog**, (Dr) Theodor Carl [Karl] Julius (7 Jul 1880–6 May 1961); {Herzog}; Ger bryologist & botanist; PhD at Munchen Univ 1903; collected in Sardinia 1904 & 1906, in Ceylon 1905–07 & in Bolivia 1907–12; prof of botany at Munchen Univ 1920–25 & at Jena Univ 1925–48;

species nah:

(Matucana) **herzogiana** (Peru) (desc & nah by C Backeberg 1956) —> **Matucana haynei** ssp **herzogiana** by R Mottram 1997,

(Neocardenasia) **herzogiana** (Bolivia) (desc & nah by C Backeberg 1949) —> **Neoraimondia herzogiana** by F Buxbaum & H Krainz 1967.

† **Hesselius**, Andreas (8 May 1677–23 Dec 1733); Swedish priest to Pennsylvania & Delaware, US 1711–24; first tutor of English language at Uppsala Univ 1725~;

Book [1785] *Dissertatio Botanico-Medica de Aloe* [w CP Thunberg] Uppsala, Sweden; 14p.

† **Hester**, John [Jay] Pinckney (1874–1962); {Hester}; US in Fredonia, Arizona; worked at Boyce-Thompson Arboretum; explored Big Bend area in Texas;

desc genus:

Escobesseyia 1941 (syn of **Escobaria** B&R);

disc species:

(Coryphantha) **hesteri** (Texas) 1930 (desc & nah by Y Wright 1932) —> **Escobaria hesteri** by F Buxbaum 1951;

desc species:

(Agave) **eborispina** (Nevada) 1943 (disc by him 1942),

(Echinomastus) **mariposensis** (Texas) 1945 —> **Sclerocactus mariposensis** by NP Taylor 1987,

(Escobesseyia) **duncanii** (New Mex, Texas) 1945 (na F Duncan) —> **Escobaria duncanii** by F Buxbaum 1960,

(Opuntia) **abyssi** (Arizona) 1943 (disc by him 1939) —> **Cylindropuntia abyssi** by C Backeberg 1958.

† **Heudelot**, Jean-Pierre (1802–Oct 1837); French botanist & naturalist; dir of royal plantations, Senegal 1825–31; collected in Senegal 1830–37 for Paris Museum, in Gambia 1836–37 & in French Guinea & Cape Verde Islands 1835 & 1837;

disc species:

(Ceropegia) **aristolochioides** (Tropical Africa) (desc by Decaisne 1838).



† **Heuffel**, (Dr med) János [Johann] A (29 Dec 1800–22 Sep 1857); {Heuff.}; Hungarian physician & botanist;

species nah:

(Sempervivum) **heuffelii** (eastern Europe) (desc & nah by HW Schott 1852)

† **Heurnius**, [latinized form of van Heurne or van Horne] (Dr med) Justus (17 Nov 1587–Mar 1652); Dutch physician, missionary, botanist, explorer & artist; MD at Leiden Univ 1611; graduate of theology at Groningen 1615; sailed on the ship 'Gouda' to Dutch East Indies to convert people from Islam to Christianity 1824–38; while the ship lay at anchor at s tip of Cape of Good Hope, RSA in 1624 he became one of earliest Europeans known to collect & make drawings of plants from the lower slopes of Table Mtn in RSA, which he sent to brother Ottho van Horne, prof of medicine at Leiden Univ;

genera nah:

Huernia (RSA, eastern Africa, Abyssinia, Arabia) (desc & nah by R Brown 1810 & the error in spelling must be retained);

disc species:

(Cotyledon) **orbiculata** (RSA, Angola, Namibia) 1624 (desc by C Linnaeus 1753),

(Stapelia) **variegata** (Western Cape) 1624 (desc by C Linnaeus 1753) —> **Orbea variegata** by

AH Haworth 1812. (This plant was first desc w pre-Linnaeus name *Fritillaria crassa* by JB Stapelius 1644.)

Heuschkel, ?;

species nah:

(Hoya) **heuschkeliana** (Philippines) (desc & nah by RD Kloppenburg 1989).



† **Hewitt, Terry** Martin (2 Nov 1942–20 Apr 2005); British bank employee, horticulturist & nurseryman; worked for CF Innes at 'Hollygate Cactus Garden & Nursery' West Sussex, Eng 1971–82 & became owner of nursery w spouse 1982~; member of NCSS c1956~; collector, lecturer & writer on c&s; RHM 2000; spouse Jenny Hewitt;

Book [1984] *C&S (An Illustrated Intro)* London, Eng; 85p,

[1993] *The Complete Book of C&S* London, Eng; Eng; 176p w 585 color photos,

[1996] *101 Essential Tips-C&S* London; Eng; 72p w 182 color photos,

[1998] *Cacti (The New Plant Library — an illustrated guide to varieties & a step-by-step handbook for cultivation & care)* NY; Eng; 64p,

[1998] *Succ, The New Plant Library (an illustrated guide to varieties & a step-by-step handbook for cultivation & care)* NY; Eng; 64p w 139 color photos,

[1998] *The Ultimate Book of C&S* [w M Anderson] London, Eng; Eng; 256p,

[2002] *Succ*; Eng; 64p w 137 color photos,

[2003] *Garden Succ — a Royal Horticultural Soc Wisley Handbook* Great Britain; Eng; 96p,

[2004] *Kakteen & Other Sukkulenten*; 176p.



† **Hewson**, [later Hewson-Fruend,] (Dr) Vale **Helen** Joan (24 Jun 1938–29 Oct 2007); {Hewson}; Australian botanist & artist;

PhD in botany at Univ of Sydney, Australia 1967; deputy dir of Centre for Plant Biodiversity, Canberra, Australia; explored in New Guinea; spouse Leon Fruend (–1975), who was interested in stock dogs;

desc species:

(Lepidium) **echinatum** (Western Australia) 1981,

(Lepidium) **platypetalum** (Western Australia) 1981,

(Lepidium) **scandens** (Western Australia) 1981,

(Lepidium) **xylodes** (Western Australia) 1981.

† **Heyder**, Eduard (3 Dec 1808–30 Sep 1884); Ger privy counselor & cactus hobbyist in Berlin;

species nah:

(Mamm) **heyderi** (Arizona, Texas, New Mex) (desc & nah by F Muehlenpfordt 1848).

† **Heyland**, {Kumpfler, in his youth} Jean-Christophe (29 Apr 1791–29 Aug 1866); Swiss engraver, watercolorist & illustrator;

Book [1866] Botanical artist on *Icones Euphorbiarum ou Figures de cent Vingt-Deux Especies du Genre Euphorbia* Paris, France by PE Boissier; French; 24p w 122 plates by J-C Heyland;

† **Heyne**, (Dr med) Benjamin (1 Jan 1770–6 Feb 1819); Morovian (Ger) missionary, physician & botanist; to India 1792; botanist w East India Company in Madras, India; superintendent at Bangalore Gardens, Bangalore, India 1802–08; to Eng 1813; one of first to study Crassulacean Acid Metabolism (CAM); FLS 1813;

Book [1814] *Deoxidation of leaves of Cotyledon calycina [Kalanchoe pinnata]*; 3p;

species nah:

(Jatropha) **heynei** (India) (desc & nah by NP Balakrishnan 1962).

† **Heynhold**, [Heinhold,] Gustav (1800–1860); {Heynh.}; Ger botanist & taxonomist; worked in botanic gardens in Frankfurt & Dresden;

desc species:

(Tradescantia) **zebrina** (Mex) 1847.



Heywood, (Prof) (Dr) Vernon Hilton (24 Dec 1927–); British biologist, taxonomist & systematist; PhD at Pembroke College, Univ of Cambridge, Eng 1953; DSc at Univ of Edinburgh, Eng 1964; prof of botany at Reading Univ 1968~ & dir of plant sciences bot garden; VP of Linnean Soc of London 1969–70, Medal 1987 & Fellow 2007; speaker in many countries of the world;

Book [1978] *Flowering Plants of the World* Oxford, Eng; Eng; 336p w 225 bot plates; Cactaceae & Aizoaceae by GD Rowley; (editor of).



† **Hicken**, (Dr) Cristóbal Maria (1 Jan 1875–11 Mar 1933); {Hicken}; Argentine botanist; DSc at Buenos Aires Univ 1906; founded Instituto Botanico Darwinion at San Martin 1911, moved to San Isidor; first editor of journal *Darwinian*; lecturer at Collegio Militar & other schools in Buenos Aires 1899–28; publication *Hickenia* established 1976 nah;

genus nah:

Hickenia (desc & nah by NL Britton & JN Rose 1922) (invalid because already used for a genus in Asclepiadaceae) (syn of Parodia SPEGAZZINI);

disc species:

(Pterocactus) **hickenii** (Chubut, Santa Cruz) 1914 (desc & nah by NL Britton & JN Rose 1919).

† **Hickman**, (Prof) (Dr) James Craig (20 Apr 1941–15 Jun 1993); US systematic botanist & ecologist; PhD in ecology & systematic botany at Univ of Oregon 1968; prof of botany at Washington State Univ 1968, at Swathmore College & at Jepson Herbarium, Univ of Calif, Berkeley; editor of *Madrono*;

Book [1993] editor of *The Jepson Manual (Higher Plants of Calif)* Berkeley; Eng; 1424p;

Aizoaceae; 4p,

Cactaceae; 6p,

Crassulaceae; 10p,

Portulacaceae; 10p.

† **Hicks**, Sam (21 Nov 1919–23 Aug 1979); US rancher & hunter in Wyoming; to Temecula in sw Calif 1947~; historian & writer; explored deserts of Baja Calif; first spouse Ruby Hicks (1922–1975); second spouse Kelly Hicks;

Book [1966] *Desert Plants & People* San Antonio, Texas; Eng; 75p + 32 plates (a good much of this book is about people & medicinal plants— much of it in Baja Calif and does include a section on cactus plants).



† **Hiern**, Wm Philip (19 Jan 1839–28 Nov 1925); {Hiern}; British mathematician & botanist; MA at Oxford Univ 1868; wealthy patron & worked at Kew; FLS 1873; FRS 1903;

Book [1896–1901] *Catalogue of the African Plants Collected by (Dr) Friedrich Welwitsch in 1853–1861*; London, Eng; (2 Vols in 6 parts);

[1896] Vol 1, Part 1; 336p;

[1898] Vol 1, Part 2; 174p;

[1898] Vol 1, Part 3; 274p;

[1899] Vol 2, Part 1; 260p;

[1900] Vol 1, Part 4; 251p;

[1901] Vol 2, Part 2; 306p;

species nah:

(Elaeophorbia) **hiernii** (Angola) (desc & nah by LCM Croizat 1936);

desc species:

(Caralluma) **huillensis** (Angola, Zimbabwe, Zambia, Botswana) 1898 (disc by FMJ Welwitsch c1860)

—> **Orbea huillensis** by PV Bruyns 2001,

(Euphorbia) **balsamea** (Angola) 1900 —> **Euphorbia gariepina** ssp **balsamea** by LC Leach 1980,

(Euphorbia) **opuntioides** (Angola) 1900,

(Euphorbia) **subsalsa** (Angola) 1900 (disc by FMJ Welwitsch 1855

(Notonia) **grantii** [w D Oliver] (Kenya, Tanzania, Ethiopia, Somalia, Mali, Guinea, Zaire) 1877

—> **Senecio grantii** by BJM Zonneveld 2004,

(Stephania) **cyanantha** (Tropical Africa) 1896.



† **Hieronymus**, (Dr) Georg [Jorge] Hans Emmo [Emo] Wolfgang

(1 Jan 1846–1 Jan 1921); {Hieron.}; Ger botanist; PhD at Halle Univ 1872; prof of botany in Cordoba, Argentina 1874–83; curator of botanic gardens at Breslau 1883–92 & at Berlin-Dahlem 1892~; editor of journal *Hedwigia* for 28 yrs; interested in ferns & algae; collected in Argentina, Bolivia, Brazil & Uruguay;

disc species:

(Echinocactus) **famatimensis** [w G Niederlein] (Argentina) 1879 (desc by CL Spegazzini 1921)

—> **Echinopsis famatimensis** by E Werdermann 1931,

(Pereskia) **sacharosa** [w PG Lorentz] (Argentina, Bolivia, Paraguay, Brazil) 1873 (desc by AHR Grisebach 1879),

(Rhipsalis) **monacantha** [w PG Lorentz] (Argentina, Bolivia) 1873 (desc by AHR Grisebach 1879)

—> **Pfeiffera monacantha** by PV Heath 1994;

transfer species:

"*Vasconcellea quercifolia*" (AFC de Saint-Hilaire 1837) —> **Carica quercifolia** 1882.



† **Higgins**, [née Bailey] **Ethel** Phoebe (10 Aug 1866–9 Mar 1963); US, Maine to Calif 1900; college graduate at Kents Hill School, Maine 1886; plant portrait photography & illustrator business & botanist; curator of botany at San Diego Natural History Museum, Calif 1933–62; explored native plants in San Diego area & in Mex; writer for *Calif Garden* magazine; CSSA Fellow award 1945; spouse John C Higgins (–1931), inventor & machinist;

Book [1931] *Our Native Cacti* NYC; Eng; 170p w 4 color plates.



† **Higgins**, [née Cockburn] **Vera** (15 Jan 1892–19 Oct 1968); {V.Higgins}; British horticulturalist, botanist, writer & bot artist; MA in botany at Newnham College, Univ of Cambridge, Eng; scientific officer at Natl Physical Laboratory near London, Eng; interested in cacti, alpine & orchids; specialized in S African succ (Crassulaceae); translated Ger works into Eng; 1st editor of CSSGB Journal 1931–39; CSSA Fellow award 1941; FLS 1945; awarded VMH 1946; IOS member 1953; NCSS Pres 1949–62; NCSS Fellow award 1955; spouse Wm F Higgins (1888–1963), propagator of rare succ;

Book [1933] *The Study of Cacti* London, Eng; Eng; 164p + 7 plates,

[1935] *Cactus Growing for Beginners* [w HT Marrable] London; Eng; 84p; (this & 1943 edition reprinted several times).

[1949] *Succ Plants Illustrated* London; Eng; 71p,

[1950] *The Cactus Growers Guide* London; Eng; 120p,

[1956] *Cacti for Decoration* London; Eng; 68p,
[1960] *Succ in Cultivation* London; Eng; 168p,
[1964] *Crassulas in Cultivation* London; Eng; 78p,
[1964] *Hobby, Kakteen und Andere Sukkulente*; Ger; 195p.

Hijman, (Mrs) Maria Elisabeth Emanuella (fl. 1977); {Hijman}; botanist at Univ of Utrecht, Netherlands;

Book [1989] *Dorstenia* section in *Moraceae* part from *Flora of Tropical East Africa* Rotterdam, Netherlands; Eng; 23p,

[1999] *The genus Dorstenia* [w C Berg]; 211p;

desc species:

(*Dorstenia*) **bergiana** (Zaire) 1990 (na CC Berg);

transfer species:

“*Dorstenia preussii*” (HGA Engler 1898) —> ***Dorstenia cuspidata* var *preussii*** 1990,

“*Dorstenia schlechteri*” (HGA Engler 1898) —> ***Dorstenia hildebrandtii* var *schlechteri*** 1989;

desc variety:

(*Dorstenia cuspidata* var) **brinkmaniana** (Tanzania, Somalia, Kenya, Zambia) 1989 (na J Brinkman).

Hilaire, Christiane; French;

Book [1981] *Les Cactus et les Plantes Grasses* = “Cactus & Succulents” [w P Griffon] Paris, France; 64p.



† **Hildebrandt**, (Dr med) Johann Maria (19 Mar 1847–29 May 1881); {Hildebrandt}; Ger gardener, botanist & naturalist; secretary of Horticultural Soc, Berlin, Ger; collected in Eritrea, Aden & Somaliland 1872–74, in Zanzibar, Mombasa, Comoro Island, Pangani 1874–77 & in Mada 1879–82;

species nah:

(*Dorstenia*) **hildebrandtii** (Kenya, Tanzania) (desc & nah by HGA Engler 1894),

(*Kalanchoe*) **hildebrandtii** (Mada) (desc & nah by HE Baillon 1885),

(*Moringa*) **hildebrandtii** (Mada) (desc & nah by HGA Engler 1902),

(*Notonia*) **hildebrandtii** (Kenya) (desc & nah by GCW Vatke 1877) —> ***Senecio nyikensis* var**

hildebrandtii by GD Rowley 1990,

(*Senecio*) **hildebrandtii** (Mada) (desc & nah by JG Baker 1897);

disc species:

(*Aloe*) **hildebrandtii** (Somalia) 1870s (desc & nah by JG Baker 1888),

(*Caralluma*) **gracilipes** (Kenya, Tanzania) c1872 (desc by KM Schumann 1895),

(*Echidnopsis*) **virchowii** (Somalia) 1893 (desc by KM Schumann 1893 & na RC Virchow).

† **Hildmann**, Heinrich Adam (13 Mar 1844–?1895?); {Hildm.}; Ger horticulturist & nurseryman; owner of cactus nursery in Lyon, France 1868–73 & in Birkenwerder, Ger 1873–91;

Book [1888] *Verzeichnis der Fettpflanzen-Sammlung, Umfassend Cacteen, Aloe, Agaven*;

species nah:

(*Cereus*) **hildmannianus** (Brazil, Paraguay) (desc & nah by KM Schumann 1890);

desc species:

(*Echinocactus*) **grusonii** (Queretaro, San Luis Potosi, Zacatecas) 1891 (na HAJ Gruson),

(Mamm) **petterssonii** (Guanajuato, Aguascalientes, Jalisco, Zacatecas) 1886 (na ? Pettersson),

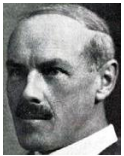
(Mamm) **poselgeri** (Baja Calif) 1885 (na H Poselger),

(Mamm) **schumannii** (Lower Calif) 1891 (na KM Schumann).

Hildreth, W Richard (1940–); {W.R.Hildreth}; US botanist; studied botany & horticulture at Univ of Wyoming, Ohio State Univ & Univ of Calif, Davis; superintendent of UC Davis Arboretum; dir of Saratoga Horticultural Foundation in Calif & pres of Pacific Horticultural Foundation; first dir of arboretum at Univ of Utah, Salt Lake City 1977–90;

desc species:

(*Lewisia*) **stebbinsii** [w RW Gankin] (Calif) 1968 (na GL Stebbins).



†**Hill**, (Dr) (Sir) Arthur Wm (11 Oct 1875–3 Nov 1941); {A.W.Hill}; British botanist & taxonomist; dir of Royal Bot Gardens at Kew 1907~; DSc at King's College, Cambridge, Eng 1927; explored in Bolivia & Peru 1903 & in Australia, New Zealand, Malaya, Rhodesia, East Africa, India & West Indies 1907~; never married;

desc genus:

Stenocactus (Chihuahuan Desert of n & Central Mex) 1933 (credit for name given to KM Schumann as a subgenus of *Echinocactus*);

desc species:

(*Armatocereus*) **matucanensis** (Peru) 1938,

(*Peperomia*) **rupiceda** (Peru) 1907;

transfer species:

"*Cactus laetus*" (CS Kunth 1823) → **Armatocereus laetus** 1938,

"*Echinocactus bodenbenderianum*" (A Berger 1929) → **Gymnocalycium bodenbenderianum** 1933,

"*Echinocactus coptonogonus*" (AD Lemaire 1838) → **Stenocactus coptonogonus** 1933,

"*Echinocactus crispatus*" (AP de Candolle 1828) → **Stenocactus crispatus** 1933,

"*Echinocactus hossei*" (FFA Haage 1927) → **Gymnocalycium hossei** 1933,

"*Echinocactus multicostatus*" (KM Schumann 1894) → **Stenocactus multicostatus** 1933,

"*Echinocactus obvallatus*" (AP de Candolle 1828) → **Stenocactus obvallatus** 1933,

"*Echinocactus phyllacanthus*" (AG Dietrich & CF Otto 1836) → **Stenocactus phyllacanthus** 1933,

"*Lemaireocereus cartwrightianus*" (NL Britton & JN Rose 1920) → **Armatocereus cartwrightianus**

1938.



†**Hill**, (Dr med) (Sir) John (c1714–21 Nov 1775); {Hill}; British physician, naturalist, journalist, dramatist & novelist;

MD at Univ of St. Andrews 1750; writer of horticulture, botany & medicine; knighted by Gustavus III 1774 of Sweden;

Book [1748–1752] *A General Natural History* London, Eng; in 3 Vols;

[1751] Vol 2; *A History of Plants*; 642p w 16 copper engraved plates;

(includes succ plants),

[1768] *Hortus Kewensis*; Eng; (includes succ plants in the Kew Garden).



Hill, Kenneth D (1948–); {K.D.Hill}; Australian botanist;

Book [1986] *Revision of Hoyas in Australia*; 15p;

desc species:

(*Hoya*) **rupicola** (Western Australia, Northern Territory) 1988 → **Hoya australis** ssp **rupicola**

by PI Forster & DJ Liddle 1991;

transfer species:

"*Hoya sanae*" (LH Bailey 1897) → **Hoya australis** ssp **sanae** 1988;

desc subsp:

(*Hoya oligotricha* ssp) **tenuipes** (Queensland, Papua, Papua New Guinea, Fiji, Solomon Islands, Tonga) 1988 —> **Hoya australis** ssp **tenuipes** by PI Forster & DJ Liddle 1991.

†**Hill**, Leslie J (20 Oct 1908–10 Jan 2003); RSA accountant, businessman & philanthropist; Leslie Hill Molecular Systematics Laboratory at Compton Herbarium 2000 nah; through his Succ Karoo Trust contribution 49,000 hectares Namaqua Park was created in 1999; collector & grower of succ;

species nah:

(Astridia) **hillii** (Little Namaq) (desc & nah by HML Bolus 1962).

disc species:

(Lithops) **viridis** [w HA Luckhoff] (Northern Cape) 1956 (desc by HA Luckhoff 1958).



†**Hill**, Walter (31 Dec 1819–4 Feb 1904); {W.Hill}; Scottish botanist; to Australia 1855; dir of Brisbane Bot Gardens 1855–81; first colonial botanist for British colony of Queensland, Australia 1859–81; interested in sugarcane & fruit trees; collected in Australia; sent specimen plants to WJ & JD Hooker at Kew & to FJH von Mueller at herbarium of Royal Bot Gardens, Melbourne, Victoria;

spouse [née Smith] Hill

(–1888);

disc species:

(Doryanthus) **palmeri** (Queensland, New S Wales) (desc by G Bentham 1873 & na AH Palmer).

†**Hillcoat**, Jean Olive Dorothy (1904–1990); {Hillc.}; British botanist; worked at Museum of Natural History, London; collected in Egypt;

desc genus:

Tylosema [w AR da Torre] (Sudan to RSA) 1955;

transfer species:

"*Bauhinia fassoglensis*" (GA Schweinfurth 1868) —> **Tylosema fassoglense** [w AR da Torre] 1955.

Hilliard, [née Hillary,] (Dr) **Olive** Mary (4 Jul 1925–); {Hilliard}; RSA botanist & taxonomist; PhD at Natal Univ, Pietermaritzburg, RSA c1950; worked at Pretoria Natl Herbarium 1947–48, lecturer at Natal Univ 1954–62 & curator of herbarium at Natal Univ 1963~; collected in Natal & Malawi; interest in flora of Natal & specialist in *Streptocarpus*; second spouse BL Burt;

Book [1977] *Compositae in Natal* Pietermaritzburg, RSA; 659p,

[1987] *The Botany of the Southern Natal Drakensberg* [w BL Burt] Kirstenbosch, RSA; 253p,

[1990] *Flowers of the Natal Drakensberg* Pietermaritzburg; Eng; 85p;

species nah:

(Schizoglossum) **hilliardiae** (Natal) (desc & nah by FK Kupicha 1984);

disc species:

(Albuca) **batteniae** [w BL Burt] (Eastern Cape) 1985 (na AU Batten),

(Brachystelma) **ngomense** [w BL Burt] (Natal) (desc by RA Dyer 1977),

(Brachystelma) **petraeum** (Natal) (desc by RA Dyer 1977);

desc species:

(Aspidoglossum) **difficile** (Natal) 1989,

(Aspidoglossum) **xanthosphaerum** (Natal) 1989,

(Schizoglossum) **amatolicum** (Eastern Cape) 1989,

(Schizoglossum) **rubiginosum** (Natal) 1989;

desc subsp:

(*Aloe boylei* ssp) **major** [w BL Burt] (Natal) 1985.

Hilsenbeck, Richard A (1952–); {Hilsenb.}; US botanist; prof of botany at Univ of Texas, Austin;
desc species:

(Opuntia) **aggeria** [w BE Ralston] (Coahuila, Texas) 1990 (disc by MS Anthony 1948) —> **Corynopuntia aggeria** by MP Griffith 2002.



† **Hilton**, John Wm (9 Sep 1904–1983); US desert landscape painter, gemologist & naturalist; explored in Sonoran Desert; first spouse Eunice; second spouse Barbara (–1976);

disc species:

(Mamm) **yaquensis** [w RT Craig] (Sonora) 1937 (desc by RT Craig 1945) —> **Mamm thornberi** ssp **yaquensis** by DR Hunt 1997.

Hind, (Dr) David John Nicholas (1957–); British botanist; botanist at Kew herbarium;
species nah:

(Apodanthera) **hindii** (Brazil) (desc & nah by C Jeffrey 1992).

† **Hinds**, (Dr med) Richard Brinsley (11 Oct 1811–25 May 1846); British military surgeon, botanist, malacologist & naturalist; MD at London Univ 1830; surgeon & naturalist on voyage of *HMS Sulfur* around world 1836–42, collecting in US, Panama, Ecuador, Colombia, Peru, Seychelles Islands, Singapore & Sri Lanka w A Sinclair;

species nah:

(Elaphrium) **hindsianum** (Sonora to Baja Calif) (desc & nah by G Bentham 1844) —> **Bursera hindsiana** by HGA Engler 1883.



† **Hine**, (Dr) Robert V (21 Apr 1921–27 Mar 2015); US history prof; PhD in history at Yale Univ, New Haven, Connecticut 1952; prof of history at Univ of California, Riverside 1954–1990; spouse Shirley (née McCord) Hine (–1996);

Book [1968] *Bartlett's West* Yale Univ Press; Eng; 155p; (w several references to saguaro & 2 color plates of saguaros).

Hinrichs, Linda; US designer & illustrator;

Book [1995] *Cactus: A Prickly Portrait of a Desert Eccentric* [w N Zurek & text by ML Ford]; San Francisco, Calif; 95p w 50 color photos.

Hinton, Geoffrey Alejandro (1995–); Mex; father GS Hinton;

subsp nah:

(Coryphantha hintoniorum ssp) **geoffreyi** (Nuevo Leon) (desc & nah by RF Dicht & AD Luthy 2003 & disc by GS Hinton & GB Hinton III 1998).



† **Hinton**, George Boole (20 Jun 1882–Feb/Mar 1943); Eng metallurgist in Mex mining industry; explored & collected over 14,000 specimens in Mex, especially in Guerrero, Michoacan & Estado de Mex 1931–41; set up 'GB Hinton Herbarium' in Mex [w son]; spouse Emily Percival [née Wattley] Hinton (–1921); son JC Hinton; grandson GS Hinton;

species nah:

(Sedum) **hintonii** (Michoacan) (desc & nah by RT Clausen 1943);

disc species:

(Euphorbia) **hintonii** (Mex) (desc & nah by LC Wheeler 1939),

(Euphorbia) **whitei** (Guerrero) 1933(desc by LC Wheeler 1939 & na AC White),
(Pedilanthus) **coalcomanensis** (Michoacan) 1941 (desc by LCM Croizat 1843).



Hinton, George Sebastián (1 Dec 1949–); {G.S.Hinton}; San Rafael, Nuevo Leon, Mex; farmer; explored [w father] in Mex, especially in Nuevo Leon, Tamaulipas & Coahuila 1969–70; collaborated w Escuela Nacional de Ciencias Biologicas in Mex & Univ of Texas (Austin) in US; IOS member 1994; father JC Hinton; son GB Hinton III;

species nah:

(Coryphantha) **hintoniorum** (Nuevo Leon) (desc & nah & his family by RF Dicht & AD Luthy 1999, & disc by RF Dicht & AD Luthy),

(Sedum) **hintoniorum** (Nuevo Leon, Tamaulipas) (desc & nah & his family by BL Turner 1995);

disc species:

(Aztekium) **hintonii** (Nuevo Leon) 1991 (desc & nah by CE Glass & WA Fitz Maurice 1992),

(Geohintonia) **mexicana** (Nuevo Leon) 1991 (desc by CE Glass & WA Fitz Maurice 1991),

(Mamm) **luethyi** [w JM Luthy] (Coahuila) 1995 (desc by him 1996 & na JM Luthy) (known from specimens found at a hotel, Cd. Acuna, Coahuila, in 1952 by NH Boke),

(Turbinicarpus) **booleanus** [w JC Hinton] (Nuevo Leon) 1992 (desc by him 1996 & na GB Hinton III) —>

Turbinicarpus subterraneus ssp **booleanus** by DR Hunt 2005;

desc species:

(Mamm) **luethyi** (Coahuila) 1996 (disc by GS Hinton 1996);

disc subsp:

(Coryphantha hintoniorum ssp) **geoffreyi** [w GB Hinton III] (Nuevo Leon) (desc & na Geoffrey A Hinton by RF Dicht & AD Luthy 2003),

(Turbinicarpus beguinii ssp) **hintoniorum** (Nuevo Leon) 1993 (desc & na his family by A Hofer 2000);

disc variety:

(Ariocarpus fissuratus var) **hintonii** (San Luis Potosi) 1984 (desc & nah by WH Stuppy & NP Taylor 1989) —> **Ariocarpus bravoanus** ssp **hintonii** by EF Anderson & WA Fitz Maurice 1997.



† **Hinton**, James [Jaime] Cottrell (24 Sep 1915–23 Jul 2006); born in Mex; set up GB Hinton Herbarium [w father] in Mex; collected in Nuevo Leon & Coahuila 1945–49 & 1969–70; spouse Helen [née Hart] Hinton; father GB Hinton; son GS Hinton;

disc species:

(Turbinicarpus) **booleanus** [w GS Hinton] (Nuevo Leon) 1992 (desc by him 1996 & na GB Hinton III) —> **Turbinicarpus subterraneus** ssp **booleanus** by DR Hunt 2005.

Hinton III, George Boole (1990–); San Rafael, Nuevo Leon, Mex; explored in Mex [w father]; father GS Hinton;

species nah:

(Sedum) **booleanum** (Nuevo Leon) (desc & nah by BL Turner 1996),

(Turbinicarpus) **booleanus** (Nuevo Leon) (desc & nah by GS Hinton 1996 & disc by GS Hinton & JC Hinton 1992) —> **Turbinicarpus subterraneus** ssp **booleanus** by DR Hunt 2005;

disc subsp:

(Coryphantha hintoniorum ssp) **geoffreyi** [w GS Hinton] (Nuevo Leon) (desc & na Geoffrey A Hinton by RF Dicht & AD Luthy 2003).

Hinz, Stanislaw; Poland;

Book [1986] *Uprawa Kaktusow* = “Growing Cacti” [w M Abramowicz] Szczecin, Poland; Polish;

206p w 48p color photos,

[2003] *Monografia Rodzaju Notocactus* [w A Typiak] Warsaw, Poland; Polish; 184p w 92 color photos.



† **Hippocrates of Cos**, (Dr med) (c460–c377BC); Greek physician & teacher of medicine; taught holistic & preventative medicine; contemporary of Socrates & Plato; recognized as 'the father of modern medicine' to the western world; first to apply the name "*Cotyledon*" to an unidentified plant.



Hirao, Hiroshi; {Hirao}; Japanese horticulturist; editor of journal *Shaboten*; IOS member 1976;

Book [1957] *Colorful Cacti* Tokyo, Japan; 286p,
[1959] *Shaboten ABC*; 36p,

[1963] *Genshyo ku Shyabotan (Cacti)*; Japanese; 286p,

[1967] *Cultivation of Cacti*; Tokyo; Japanese; 17p,

[1975] *Cactus* Tokyo; Japanese; 143p,

[1975] *Conophytum* Tokyo; Japanese; 43p,

[1979] *Cacti, Succ & Insectivorous Plants* [w I Kusakabe] Tokyo; 127p,

[1979] *Colour Enc of Cacti* Kanagawa, Japan; Japanese; 195p,

[1986] *Cactus Culture* Tokyo; Japanese; 106p,

[1990] *A History of Cactus in Japan*; Japanese; 317p,

[1993] *Bluhende Kakteen* Tokyo; 163p w 208 color photos,

[1995] *Conophytum Handbook (Cultivated in Japan)* [w Y Etoh] Fukushima, Japan; Japanese;

128p w 589 color photos.

Hiriart Valencia, Patricia; Mex botanist; prof at UNAM;

species **nah**:

(Beaucarnea) **hiriartiae** (Guerrero) (desc & nah by L Hernandez-Sandoval 1992).

Hirose, Yoshimichi (1924–); Japanese chemical engineer & horticulturist; worked at Mitsui Petrochemical Industries, Ltd; grower of variegated plants;

Book [1978] *Variegated Plants* [w M Yokoi] Iwakuni, Japan; Japanese; 211p w 124p of color plates,
[1998–2003?] *Variegated Plants in Color* [w M Yokoi] Iwakuni; Eng/Japanese; (in 2 Vols);

[1998] Vol 1; 296p w 16 color photos;

[2001] Vol 2; 344p w 1,500 color photos;

[2003?] Vol 3; 280p.

† **Hirsch**, (Dr) Leo; Ger orientalist; explored in Yemen 1873;

disc species:

(Caralluma) **arabica** (Yemen, Oman) 1893 (desc by NE Brown 1895) —> **Desmidorchis arabicus** by U Meve & SL Liede 2002,

(Caralluma) **flava** (Yemen, Oman) 1893 (desc by NE Brown 1894).

† **Hirscht**, Karl (–7 Jan 1925); {Hirscht}; Ger magistrate & horticulturist; co-founder [w KM Schumann] of DKG 1892 & pres 1904–05;

Book [1896] *Kakteenkulturen im Hause und Ihr Wert* Neudamm, Ger; Ger; 32p,

[1903] *Bilder aus dem KakteenZimmergarten* = "Pictures from the Kakteenzimmergarten" Neudamm;

Ger; 86p,

[1922] *Der Kakteen und Succulenten- Zimmergarten in Idealismus und Praxis* Neudamm; Ger; 157p;
species nah:

(*Cereus*) **hirschtianus** (Nicaragua, Costa Rica, Guatemala, El Salvador) (desc & nah by KM Schumann 1897) —> **Peniocereus hirschtianus** by DR Hunt 1991.

† **Hislop**, Alexander (c1880–2 Apr 1945); British gardener & horticulturist; gardener, superintendent or curator at Kew, at Municipal Gardens, Oudtshoorn, RSA, at Bot Gardens, Pietermaritzberg, Natal, at Bletchley Park, Bucks, Eng & at Agricultural Dept, S Nigeria 1900–c1910; to Eng & to Rhodesia later; explored in Mada, Zimbabwe & Mozambique;

species nah:

(*Huernia*) **hislopii** (Zimbabwe, Mozambique) (desc & nah by WB Turrill 1922 & disc by LS Gibbs c1905);

disc species:

(*Euphorbia*) **hislopii** (Mada) (desc & nah by NE Brown 1913) —> **Euphorbia milii** var **hislopii** by E Ursch & JD Leandri 1955.



† **Hitchcock**, (Prof) (Dr) Charles **Leo** (23 Apr 1902–3 Feb 1986); {C.L.Hitchc.}; US botanist & taxonomist; PhD at Washington Univ, St. Louis, Missouri 1931; prof at Univ of Montana 1933–36 & at Univ of Washington (Seattle) 1936–72;

Book [1973] *Flora of the Pacific Northwest: An Illustrated Manual*; Seattle, Washington; Eng; 914p; in 5 Vols;

transfer species:

“*Lewisia rupicola*” (CS English 1934) —> **Lewisia columbiana** var **rupicola** 1964;

desc variety:

(*Lewisia columbiana* var) **wallowensis** (Idaho, Montana, Oregon) 1964.

† **Hjelmqvist**, [Hjelmquist,] Karl Jesper **Hakon** (8 Aug 1905–18 Aug 1999); {Hjelmq.}; Swedish archaeobotanist & phytogeographer; prof at Univ of Lund 1944~;

desc species:

(*Reichsteineria*) **lineata** (Brazil) 1937 —> **Sinningia lineata** by A Chautems 1990.



Hjertson, [né Eriksson,] (Dr) Mats Lennart (1 Mar 1966–); {Hjertson}; Sweden; PhD thesis on systematics of *Lindenbergia* & *Campylanthus* at Uppsala Univ 1998; lecturer, researcher, research assistant 1999–2002; curator at botany section of Museum of Evolution, Sweden 2003; explorer in n Argentina 1990, s Yemen 1992, Tanzania 1993; IOS member 1994, secretary 2005–06 & VP Apr 2014; spouse Malin Hjertson;

desc species:

(*Echidnopsis*) **golobosa** [w M Thulin] (Yemen) 1995,
(*Rebutia*) **cintia** (Bolivia) 2003 (disc by K Knize 1987);

transfer species:

“*Rebutia albiflora*” (F Ritter & AFH Buining 1963) —> **Rebutia pulvinosa** ssp **albiflora** 2003,
“*Rebutia aureiflora*” (C Backeberg 1932 —> **Rebutia einsteinii** ssp **aureiflora** 2003,
“*Rebutia gonjianii*” (R Kiesling 1973) —> **Rebutia einsteinii** ssp **gonjianii** 2003,
“*Rebutia kupperiana*” (F Boedeker 1932) —> **Rebutia deminuta** ssp **kupperiana** 2003,
“*Rebutia perplexa*” (JD Donald 1980) —> **Rebutia pulvinosa** ssp **perplexa** 2003.

Ho, Helen A; MS at Univ of Arizona, Tucson, Arizona 1960;

Book [1960] *Chemical Constituents of the Saguaro (Carnegiea gigantea, Br.&R.)*; 55p; (MS thesis).

Ho, Ye Chi (fl. 1989); Y.C.Ho);

desc species:

(Sedum) **jiulungshanense** (China) 1989,

(Sedum) **tianmushanense** [w F Chai] (China) 1989 (disc by F Chai 1987).



Hobdy, Robert W (1942–); {Hobdy}; US botanist & forester; worked at Hawaii dept of land & natural resources, division of forestry & wildlife;

desc species:

(Portulaca) **molokiniensis** (Hawaii) 1988.

† **Hobschette**, [Koang-Hobschette,] Andrée (1902–); French pharmacist at Paris hospital;

Book [1929] *Les Cactacees Medicinales* = "The Medicinal Cacti" Paris, France; French; 80p.

† **Hobson**, HE (fl. 1913);

species nah:

(Sedum) **hobsonii** (Bhutan, Sikkim, Tibet) (desc & nah by Raymond-Hamet 1913) —> **Rhodiola hobsonii** by SH Fu 1965.

Hobson, Nigel Kayser;

Book [1975] *Veld Plants of Southern Africa* [w JP Jessop] Johannesburg, RSA; 310p; (w illustrators Michael C van der Riet Ginn & Jane Kelly).



Hochstatter, [Hochstätter, Hochstaetter,] Fritz (10 Jul 1944–); {Hochstätter}; Ger business economist & amateur cactus expert in Mannheim; explored in western US, specializing in *Pediocactus*, *Sclerocactus* & *Yucca* 1979–2003; IOS member 1994; spouse Ilse Hochstatter;

Book [1989] *An den Standorten von Pedio- und Sclerocactus* = "To The Habitats of *Pediocactus* & *Sclerocactus*" Mannheim, West Ger; Eng; 170p w 123 color photos,

[1993] *The Genus Sclerocactus Cactaceae — Revised* Mannheim, Ger; Ger/Eng;

128p w 92 color photos; (Eng translation by Chris Holland),

[1995] *The Genera Pediocactus-Navajoa-Toumeyia, Cactaceae — Revised* Mannheim; Ger/Eng; 167p,

[2000–04] *Yucca (Agavaceae)* Mannheim, Ger; Eng;

[2000] Vol 1, 256p (22p summary in Ger);

[2002] Vol 2, 340p (w 19p summary in Ger);

[2004] Vol 3, 304p (w a summary in Ger),

[2005] *The Genus Sclerocactus, Tribe Cactaeae, Family Cactaceae* Mannheim; Ger/Eng;

336 w over 465 color photos; (Eng translation by Chris Holland),

[2007] *The Genera Pediocactus Navajoa Toumeyia*; 384p w 495 color photos;

desc species:

(*Sclerocactus*) **nyensis** (Nevada) 1992 (disc by him 1988);

"*Pediocactus despainii*" (SL Welsh & S Goodrich 1980) —> ***Pediocactus bradyi* ssp *despainii*** 1995,

"*Sclerocactus blainei*" (SL Welsh & KH Thorne 1985) —> ***Sclerocactus spinosior* ssp *blainei*** 1995;

desc variety:

(*Pediocactus simpsonii* var) ***nigrispinus*** (Washington, Oregon, Idaho) 1990 —> ***Pediocactus nigrispinus*** by him 1992.

† **Hochstetter**, Christian Ferdinand Friedrich (16 Feb 1787–20 Feb 1860); {Hochst.}; Austrian botanist, minerologist & clergyman; prof at teacher's college, Esslingen, Ger; collected in Portugal, Madeira Islands & the Açores 1838 & in central Europe; spouse Sofie Friederike [née Orth] Hochstetter;

desc genera:

Chasmanthera (Tropical Africa) 1844,

Steganotaenia (Africa) 1844;

desc species:

(Chasmanthera) **dependens** (Tropical Africa) 1844,

(Diodia) **carnosa** (Mozambique, RSA) 1844 → **Phyllohydrax carnosa** by C Puff 1986,

(Moschosma) **riparium** (eastern & se Africa) 1845 → **Tetradenia riparia** by LEW Codd 1983,

(Steganotaenia) **araliacea** (se & ne Africa).

Hodge, Carle;

Book [1991] *All About Saguaros* Phoenix, Arizona; Eng; 64p w 90 color photos.



Hodgson, Wendy C (1951–); {W.C.Hodgs.}; US plant taxonomist & artist; MS in botany, taxonomy & systematics at Arizona State Univ; curator of collections, dir of herbarium and research at Desert Bot Garden, Phoenix, Arizona 1974~; interested in floristics, taxonomy & systematics of Agave & Yucca in sw US & n Mex;

Book [2001] *Food Plants of the Sonoran Desert* Tucson, Arizona; Eng; 313p; (74p on Cactaceae & 39p on Agavaceae, including other succ species);

desc species:

(Agave) **delamateri** [w L Slauson] (Arizona) 1995 (disc by S McKelvey 1920s & na R DeLamater),

(Echinocereus) **mapimiensis** [w EF Anderson & P Quirk] (Coahuila) 1998 (disc by DJ Keil & LA McGill 1971).

Hodoba, Theodore [Ted] B; US horticulturist & writer; owner of native plant nursery

Desert Moon Nursery, Veguita, New Mex 1988~; project manager of conservation area for Valencia Soil & Water Conservation District, New Mexico 2009~; spouse Candy Hodoba;

Book [1995] *Growing Desert Plants: from Windowsill to Garden* Santa Fe, New Mex; Eng; 224p w 66 color photos by author & Charles Mann & illustrations by Mimi Kamp.



† **Hoehne**, Frederico Carlos (1 Feb 1882–16 Mar 1959); {Hoehne}; Brazilian botanist & ecologist; gardener at Natl Museum of

Rio De Janeiro 1907–17; prof of botany at Butantã Institute, São Paulo 1917–23; superintendent of State dept of botany 1923–41 & dir of Institute of Botany 1942–52; interested in Brazilian flora;

made 15 scientific expeditions in Brazil & surrounding countries; spouse Frieda Carla Augusta [née Kuhlmann] Hoehne;

species nah:

(Portulaca) **hoehnei** (Brazil) (desc & nah by CMD Legrand 1958);

desc species:

(Hypocyrtia) **tessmannii** (Brazil) 1958 (disc by G Tessmann 1948 & nah) → **Nematanthus tessmannii** by A Chautems 1984,

(Nematanthus) **fritschii** (Sao Paulo) 1958 (na K Fritsch),

(Rechsteineria) **leucotricha** (Brazil) 1956 → **Sinningia leucotricha** by HE Moore 1973.

Hoewel, [Hövel,] Otto (fl. 1970); {Hoevel};

transfer species:

"*Cereus microsphaericus*" (KM Schumann 1890) —> ***Schlumbergera microsphaerica*** 1970.



Hofacker, Andreas (4 Apr 1960–); {Hofacker}; Ger lawyer & horticulturist; collected in Brazil, Uruguay & Venezuela, specializing in *Notocactus*; IOS member 1997;

Book [2001] *Kakteen in Brasilien (Cacti in Brazil)* [w K Herm, GJ Charles, W van Heek, B Bohle, W Strecker & G Heimen] Ger; Ger/Eng; 176p;

desc species:

(*Pilosocereus*) **bohlei** (Bahia) 2001 (disc by him 2000 & na B Bohle);

transfer species:

"*Echinocactus graessneri*" (KM Schumann 1903) —> ***Parodia haselbergii* ssp *graessneri*** [w PJ Braun] 1998,

"*Echinocactus muricatus*" (LKG Pfeiffer 1837) —> ***Parodia muricata*** 1998,

"*Frailea albicolumnaris*" (F Ritter 1970) —> ***Frailea pygmaea* ssp *albicolumnaris*** 1998,

"*Gymnocalycium buenekeri*" (GJ Swales 1978) —> ***Gymnocalycium horstii* ssp *buenekeri*** [w PJ Braun] 2002,

"*Notocactus carambeiensis*" (AFH Buining & AJ Brederoo 1973) —> ***Parodia carambeiensis*** 1998,

"*Notocactus fuscus*" (F Ritter 1979) —> ***Parodia fusca*** [w PJ Braun] 1998,

"*Notocactus neobuenekeri*" (F Ritter 1979) —> ***Parodia scopa* ssp *neobuenekeri*** [w PJ Braun] 1998,

"*Notocactus oxycostatus*" (AFH Buining & AJ Brederoo 1972) —> ***Parodia oxycostata*** 1998,

"*Notocactus rudibuenekeri*" (WR Abraham 1988) —> ***Parodia rudibuenekeri*** [w PJ Braun] 1998,

"*Notocactus stockingeri*" (KH Prestle 1985) —> ***Parodia stockingeri*** [w PJ Braun] 1998,

"*Notocactus succineus*" (F Ritter 1970) —> ***Parodia scopa* ssp *succinea*** [w PJ Braun] 1998;

desc subsp:

(*Frailea buenekeri* ssp) **densispina** [w K Herm] (Rio Grande do Sul) 1997 (disc by A Hofacker 1989),

(*Micranthocereus polyanthus* ssp) **alvinii** [w MC Machado] (Brazil) 2004 (disc by MC Machado 2003 & na D Alvin by both);

transfer variety:

"*Echinocactus sellowii* var *turbinatus*" (J Arechavaleta 1905) —> ***Parodia turbinata*** 1998,

"*Notocactus arechavaletae* var *horstii*" (F Ritter 1979) —> ***Parodia ottonis* ssp *horstii*** 1998,

"*Notocactus glaucinus* var *gracilis*" (F Ritter 1979) —> ***Parodia oxycostata* ssp *gracilis*** 1998,

"*Notocactus scopa* var *marchesii*" (WR Abraham 1989) —> ***Parodia scopa* ssp *marchesii*** 1998.



Hofer, Anton [Toni] (18 Jan 1967–); {A.Hofer}; Swiss specialist in Mex cacti; collected in Mex;

species nah:

(*Turbinicarpus*) **hoferi** (Nuevo Leon) (desc & nah by JM Luthy & AB Lau 1991 & disc by A Hofer 1988);

disc subsp:

(*Coryphantha ramillosa* ssp) **santarosa** [w AD Luthy] (Coahuila) (desc by RF Dicht & AD Luthy 2000);

desc subsp:

(*Turbinicarpus beguinii* ssp) **hintoniorum** (Nuevo Leon) 2000 (disc by GS Hinton 1993 & na his family);

transfer forma:

"*Turbinicarpus krainzianus* fa *minimus*" (G Frank 1989) —> ***Turbinicarpus pseudomacrochele* ssp *minimus*** [w JM Luthy] 2002.

†**Hoffbauer**, R;

Book [1905] *Beitrage zur Kenntnis der Aloe* Bern, Ger; Ger; 64p.



Hoffmann, [Hoffmann Jacoby, Hoffmann Jacoby de Caldéron, Hoffmann de Caldéron,] Adriana Elisabeth (1 Jan 1940–); {A.E.Hoffm.}; Chilean biologist & botanist; writer of books on flora, medicinal plants & resources of biogeographic Chile; IOS member 1986; CSSA Fellow award 2009; spouse Hermán Calderón;

Book [1989] *Cactaceas en la Flora Silvestre de Chile* Santiago, Chile; Spanish; 272p w 88 color plates; (watercolor illustrations by Andrés Julián),

[1998] *Plantas Altoandinas en la Flora Silvestre de Chile* [w MK Arroyo, F Liberona, M Munoz & J Watson]; Spanish; 279p w colored plates of plants every other page,

[2004] *Cactaceous in the wild flora of Chile* [w HE Walter] Santiago; Spanish; 307p; (2nd edition of 1989 book).

Hoffmann, JJ;

Book [1975] *Phytochemical Investigation of Adenium obesum, family Apocynaceae* Tucson, Arizona; 81p.

† **Hoffmann**, Karl August Otto (25 Oct 1853–11 Sep 1909); {O.Hoffm.}; Ger botanist & synantherologist of Engler School; high school teacher at Friedrichs-Werdersche Gymnasium, Berlin 1877~; **desc species:**

(Senecio) **ellenbeckii** 1906 (na H Ellenbeck),

(Tripteris) **crassifolia** (Namibia Northern Cape, Western Cape) 1889 —> **Osteospermum crassifolium** by NT Norlindh 1943.

† **Hoffmann**, Käthe [Kaethe]; {K.Hoffm.}; Ger botanist & authority on description and scientific classification of plants; prof at Breslau, Ger; collected in New Guinea & SE Asia;

desc species:

(Euphorbia) **torta** [w FA Pax] (Tanzania, Zambia) 1910 (disc by ? von Trotha),

(Jatropha) **erythropoda** [w FA Pax] (Namibia, Botswana, Northern Cape) 1910,

(Jatropha) **grossidentata** [w FA Pax] (nw S Amer) 1915,

(Jatropha) **macrophylla** [w FA Pax] (Malawi, Zambia) 1910,

(Jatropha) **velutina** [w FA Pax] (Kenya) 1910,

(Pedilanthus) **millspaughii** [w FA Pax] (Costa Rica) 1923 (na CF Millspaugh);

desc variety:

(Jatropha erythropoda var) **hirtula** [w FA Pax] (Namibia) 1920.

(Jatropha lagarinthoides var) **cluytioides** [w FA Pax] (Limpopo, Mpumalanga) 1920.

† **Hoffmann**, [né Hoffman, ~1906] Ralph (30 Nov 1870–21 Jul 1932); {Ralph Hoffm.}; US natural history teacher & amateur ornithologist & botanist; graduate from Harvard Univ 1890; teacher at various institutions across US 1891–1925; dir at Santa Barbara Museum of Natural History, Calif 1925~; explored in Calif & the flora on Channel Islands off coast of s Calif; interested in birds and plants; spouse Eliza Gertrude [née Wesselhoeft] Hoffmann (17 May 1871–13 Feb 1968), character actress in Hollywood, Calif after Ralph's death;

Book [1930] *C&OS (an annotated list of plants cultivated in the Santa Barbara, Calif, region)* [w EO Orpet, EE Walther & J West] Santa Barbara, Calif; Eng; 107p; (edited by P Chase).

† **Hoffmann**, Ralph (fl. 1995–2002); Swiss horticulturist; succ grower near Zurich; collected in Mada 1992 & 93;

disc species:

(Aloe) **fragilis** [w JJ Lavranos & W Roosli] (Mada) 1993 (desc by JJ Lavranos & W Roosli 1994),
(Aloe) **hoffmannii** [w W Roosli] (Mada) 1995 (desc by JJ Lavranos 2002 & na R Hoffmann),
(Aloe) **roeoesslii** [w W Roosli] (Mada) 2001 (desc & na W Roosli by JJ Lavranos & TA McCoy 2005),
(Pachypodium) **eburneum** [w W Roosli] (Mada) 1996 (desc by JJ Lavranos & SHJ Rapanarivo 1997)

—> **Pachypodium rosulatum** var **eburneum** by GD Rowley 1998.



† **Hoffmann**, (Prof) (Dr) Werner (11 Jan 1925–2 Apr 2013); Ger horticulturist;
IOS member 1965; prof at Univ of Geisenheim, Ger; explored in Peru, Chile, Argentina & Bolivia;

Book [1940] *Sisal und Andere Agaven* Hamburg; 60p,

[1963] *Das Kleine Kakteenbuch* = "The Small Kakteenbuch" Guetersloh, Ger; Ger; 191p,
[1975] *Kakteen—Herkunft Anzucht Pflege* Wiesbaden, Ger; Ger; 64p w 70 color photos,

[1976] *Mein Kleines Kakteenbuch* Munich, Ger; Ger; 191p,

[1978] *Sukkulenten* Niedernhausen; Ger; 64p w 82 color photos,

[1981] *Die Schonsten Kakteen in Haus und Garten* Munchen; Ger; 191p,

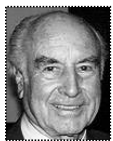
[1988] *Kakteen und Standortgerechte Landnutzung - Die Bedeutung Pflanzlicher Ressourcen*

Wiesbaden; Ger/Eng; 147p,

[1997] *Kleines Kakteenkochbuch* = "Cacti Cookbook" [w U Haage].

Hofman, Albert W; Dutch dentist & amateur horticulturist; interested in succ literature;

Book [1995] *Catalogue of the Library on Succ Plants of Albert Hofman* Arnhem; 177p.



† **Hofmann**, (Dr) Albert (11 Jan 1906–29 Apr 2008); Swiss scientist; PhD at Univ of Zurich;
interested in chemistry of plants & animals; research dir of Sandoz Pharmaceuticals (Novartis),
Basel, Switzerland; biochemist who disc & known as father of LSD 1943; studied hallucinogenic
substances in Mex mushrooms & other plants used by aboriginal people; spouse Anita Hofmann;

Book [1979] *Plants of the Gods: Origins of Hallucinogenic Use* [w RE Schultes] London, Eng; Eng; 192p w
number of color photos.

Hofmann, (Dr) Bernd; Ger;

Book [1985–88] *Lieferungswerk Die Mammillariae* [w T Linzen & W Berthold] Potsdam, Ger; Ger; (in 4 Parts);

[1985] Part 1; 36p w 16 color plates;

[1986] Part 2; 48p w 16 color plates;

[1986] Part 3; 36p;

[1988] Part 4; 60p.

Hofstatter, [Hofstätter, Hofstaetter,] Siegfried (fl. 1991–92); {Hofstätter}; Tiefenbronn in s Ger;
importer of plants; collected in Mada 1991 & 92;

species nah:

(Ceropegia) **hofstaetteri** (Mada) (desc & nah by WHH Rauh 1993),

(Euphorbia) **hofstaetteri** (Mada) (desc & nah by WHH Rauh 1992);

disc species:

(Euphorbia) **sakarahaensis** (Mada) 1199 (desc by WHH Rauh 1992);

desc species:

(Euphorbia) **ankazobensis** [w WHH Rauh] (Mada) 2000,

(Euphorbia) **berorohae** [w WHH Rauh] (Mada) 1995.



Hogan, Sean B (11 Jun 1963–); {Hogan}; US horticulturist at Univ of Calif Bot Garden, Berkeley in charge of Australia/New Zealand, African & New World desert areas mid 1980s–1995; owner of *Cistus Design Nursery* in Portland, Oregon 1995~; interested in taxonomy of *Lewisia*, *Pediocactus* & *Sclerocactus*; explored in US southwest, Argentina & RSA; transfer species:

“*Lewisia serrata*” (LR Heckard & GL Stebbins 1974) —> ***Lewisia cantelovii* var *serrata*** [w MA Hershkovitz] 2001.

†**Hogner**, [née Childs,] Dorothy (1904–1969); Connecticut, US; culinary herb grower & writer of juvenile & travel books; studied at Univ of New Mex & NY School of Fine & Applied Arts; owner of Hemlock Hill Herb Farm w spouse; spouse Nils Hogner (1893–1970), an illustrator; **Book** [1977] *Endangered Plants* NYC; Eng; 83p; schetches by Arabelle Wheatley.

†**Hohenacker**, Rudolph Friedrich (1798–14 Nov 1874); {Hohen.}; Swiss missionary & botanist; desc species:
(*Sedum*) ***radicosum*** [w PE Boissier] (Afghanistan, Iran, Kirgizia, Kazakhstan, Turkmenistan) 1849 —> ***Rosularia radicata*** by UV Eggli 1988.

Hohn, (Dr) Janet Elizabeth (24 Jul 1942–); PhD at Univ of Wahington 1975; **Book** [1975] *Biosystematic studies of the genus *Lewisia*, section *Cotyledon* (*Portulacaceae*)* Seattle, Washington; Eng; 277p; (PhD thesis).

†**Hole**, Robert Selby (1875–28 Jun 1938); British botanist to India 1896; dir at Forest Research Institute, Dehra Dun, India 1913; spouse Beatrice Mary [née Rooke] Hole; species nah:
(*Sedum*) ***holei*** (India) (desc & nah by Raymon-Hamet 1913).

†**Holland**, Frederick Huntly (26 Sep 1873–2 Apr 1955); RSA businessman, naturalist & collector; attended St Andrews College; had large garden of indigenous plants; second spouse May Holland; species nah:
(*Delosperma*) ***fredericii*** (Eastern Cape) (desc & nah by MG Lavis 1967).
(*Delosperma*) ***hollandii*** (Cape) (desc & nah by HML Bolus 1929),
(*Mesemb*) ***hollandii*** (Eastern Cape) (desc & nah by HML Bolus 1931) —> ***Lampranthus hollandii*** by HML Bolus 1939;
disc species:
(*Aloe*) ***polyphylla*** (Lesotho) 1915 (desc by NS Pillans 1934).

Holland, James S;
Book [1977] *Cacti of Southern Nevada* [w D Schramm] Las Vegas, Nevada; Eng; 52p.

Holland, RWK; {R.W.K.Holland};
desc species:
(*Sarcostemma*) ***resiliens*** [w BR Adams] (Kenya) 1978 —> ***Cynanchum resiliens*** by DJ Goyder 2009,
(*Sarcostemma*) ***stolonifera*** [w BR Adams] (Kenya, Tanzania) 1978 —> ***Cynanchum stoloniferum*** by DJ Goyder 2009,
(*Sarcostemma*) ***subterranea*** [w BR Adams] (Kenya, Tanzania) 1978.

Hollander, ANJ den;

Book [1970] *Americana (Studies over mensen, dieren en een kactus tussen Rio Grande en Potomac* Meppel, Netherlands; Dutch; 323p.

Holler, [Höller, Hoeller,] Werner; Ger; gardener & cultivator of Rhipsalideae in botanic garden at Univ of Bonn, Ger;

species nah:

(Rhipsalis) **hoelleri** (Espirito Santo) (desc & nah by WA Barthlot & NP Taylor 1995 & disc by B Orsich 1987).

Hollis, Helia Bravo- — See Helia **Bravo-Hollis**.

Hollis, WB;

Book [1954] *Iconografia de las Cactaceas Mexicanas* Mex City, Mex; Spanish; 80p.

Holloway, (Dr) Stephen; US biochemist; senior research associate at Univ of Texas Health Science Center, San Antonio;

Book [1999] *Notes on Haworthias by JR Brown*; 219p w 311 photos; (pub 1934–1970 in Desert Plant Life & in US C&S Journal); (compiled by).

†**Holmboe**, Jens (5 May 1880–25 Jul 1943); {Holmboe}; Norwegian botanist; curator & prof at Gergen Museum 1906–24; prof at Univ of Oslo & manager of bot garden 1925~; spouse
Laura [née Lie] Holmboe (28 Feb 1879–1 Aug 1972), artist;

desc species:

(Umbilicus) **pallidiflorus** (Cyprus) 1914 —> **Rosularia pallidiflora** by RD Meikle 1977.

Holmes, Anita; US; writer of juvenile books;

Book [1982] *Cactus, The All-Amer Plant* NYC; Eng; 178p w drawings by Joyce Ann Powzyk,
[1983] *The 100 year-old Cactus* NYC; Eng; 32p w color illustrations by Carol Lerner.

Holmes, Susan [née Carter] — See **Carter**, Susan.

†**Holmgren**, Arthur Hermann (18 Nov 1912–24 Dec 1992); {A.H.Holmgren}; US botanist; MSc at Utah State Agricultural College, Logan 1942 & prof of botany & curator at its Intermountain Herbarium at Utah State Univ 1943~;

desc species:

(Lewisia) **maguirei** (Nevada) 1954 (disc by him & B Maguire 1945 & na B Maguire).

Holowinski, AW;

Book [1961] *Metabolic Studies of Bryophyllum Leaf Tissue with Particular Reference to Crassulacean Acid Metabolism*; 92p.



†**Holub**, (Dr med) Emil (7 Oct 1847–21 Feb 1902); Czech physician, cartographer, ethnographer and naturalist; MD at Charles Univ, Prague, Czech Rep 1872; to Kimberley diamond fields in Africa 1872; collector who explored n Transvaal, Bechuanaland Protectorate & Rhodesia 1872–79; to London & Vienna 1879–1883 w over 30,000 ethnological & natural history collections;

back to RSA 1883–87; collections displayed in Vienna & Prague 1891–92, which were dispersed later to various museums & institutions; spouse Růžena Holub (1865–1958);

Book [1881] *Sieben Jahre in Südafrika*; Eng; in 2 Vols; (an account of his exploration in s Africa 1872–79),
[1890] *Von der Capstadt ins Land der Maschukulumbe*; in 2 Vols; (an account of his exploration in Africa 1883–87);

disc species:

(Caralluma) **valida** (Namibia, Zambia, Zimbabwe, Botswana) 1886 (desc by NE Brown 1895) —> **Orbea valida** by PV Bruyns 2001.



Holzappel, (Prof) (Dr) Christina M; US biologist; PhD at Univ of Michigan; prof of ecology & evolutionary biology at Univ of Oregon, Eugene, Oregon; spouse Wm E Bradshaw;

Book [1974] *Flora of the Canary Islands: The Cruciferae, The Crassulaceae & the Ferns & their Allies* [w K Lems] Madrid, Spain; 109p w 22 plates.

Holzeis, Ernst (fl. 1990); {Holzeis}; Ger;

desc species:

(Coryphantha) **wohlschlageri** (San Luis Potosi) 1990 (disc by M Wohlschlager 1985 & nah).



† **Holzinger**, John Michael (14 May 1853–31 May 1929); {Holz.}; Ger to US; botanist & bryologist; worked at USDA division of botany; collected in US;

desc species:

(Talinum) **rugospermum** (Indiana, Illinois, Wisconsin, Iowa, Minnesota, Nebraska, Kansas, Texas) 1899.

† **Hood**, (Dr med) Wm Chamberlain (1790–1879); British surgeon in S Lambeth, London; collector & grower of succ plants; spouse Anne Hood;

genus nah:

Hoodia (Angola, Namibia, RSA, Botswana, Zimbabwe) (desc & nah by J Decaisne 1844).



† **Hooker**, (Dr med) (Sir) Joseph Dalton (30 Jun 1817–10 Dec 1911); {Hook.f.}; British physician, botanist, naturalist, phytogeographer, systematist, phylogenist, plant geographer, geologist, morphologist, taxonomist & artist; MD at Glasgow Univ, Scotland 1839; explored in India 1847–51 & at Cape; assistant dir 1855–65 & followed father as dir at Kew 1865–85; colleague of G Bentham & friend of CR Darwin; explored in all continents; worked on Lithops taxa; prolific writer; FLS 1842; FRS 1847 & pres 1873–78; Linnean Medal 1888; father WJ Hooker; son-in-law WT Thiselton-Dyer; first spouse Frances Harriet [née Henslow] Hooker (1825–1874), daughter of JS Henslow; second spouse Hyacinth [née Jardine] (1842–1921);

Book [1862–83] *Genera Plantarum ad Exemplaria Imprimis in Herbariis Kewensibus Servata Definita* = "Genrea of Plants in the Herbarium of the Kew Botanical Gardens" [w G Bentham] London; 1,215p; (in 3 Vols),

[1863] *On Welwitschia, a New Genus of Gnetaceae* London, Eng; Eng; 48p,

[1875–97] *Flora of British India* London; (in 7 Vols by various authors);

[1874] Vol 1; Portulacaceae; 3p; by WT Thiselton-Dyer;

[1878] Vol 2; Crassulaceae; 13p; by CB Clarke;

[1879] Vol 2; Cactaceae; 2p; by CB Clarke;

[1883] Vol 4; Asclepiadeae; 78p*;

[1886] Vol 5; Euphorbiaceae; 2p*;

[1887] Vol 5; Euphorbiaceae; 22p*;

[1892] Vol 6; Dioscoreaceae; 10p*;

[1892] Vol 6; Liliaceae; 63p*;

*by JD Hooker

desc genera:

Bowiea (Kenya to RSA, Namibia) 1867 (na J Bowie),
Corallocarpus (Arabia, India, Africa, Mada) 1867,
Echidnopsis (East Africa, Oman, Yemen, Socotra) 1871,
Eureiandra (Tropical Africa, Socotra) 1867,
Gerrardanthus (Tropical & s Africa) 1867 (na WT Gerrard),
Trochomeria (Tropical Africa, RSA) 1867,
Welwitschia (SW Africa) 1859 (disc by FMJ Welwitsch 1859 & nah);

species nah:

(Diotostemon) **hookeri** (San Luis Potosi, Aguascalientes) (desc & nah by Salm-Dyck 1854)
—> **Pachyphytum hookeri** by A Berger 1930,
(Mesemb) **hookeri** (Northern Cape) (desc & nah by A Berger 1908 & disc by P MacOwan c1873)
—> **Lithops hookeri** by MHG Schwantes 1928,
(Rhodiola) **hookeri** (Nepal to Bhutan) (desc & nah by SH Fu 1965);

desc species:

(Aloe) **croucheri** (Natal, Eastern Cape) 1869 (na J Croucher) —> **Gasteria croucheri** by JG Baker 1880).
(Aloe) **deltoidea** (RSA) 1873 (disc by T Cooper c1865) —> **Apicra deltoidea** by JG Baker 1880,
(Begonia) **polygonoides** (western Africa) 1871,
(Begonia) **sutherlandii** (Tanzania to Natal, Eastern Cape) 1868 (na PC Sutherland),
(Begonia) **venosa** (Minas Gerais) 1899,
(Boucerosia) **maroccana** (Morocco) 1874 —> **Caralluma europaea** var **maroccana** by JD Hooker 1910,
(Bowiea) **volubilis** (Kenya to RSA) 1867 (disc by T Cooper 1862),
(Brachystelma) **barberae** (Eastern Cape, Mpumalanga, Limpopo, Natal, Botswana, Zimbabwe) 1866 (na ME Barber & disc by JH Bowker),
(Brachystelma) **glabrum** (India) 1885,
(Brachystelma) **maculatum** (India) 1885,
(Brachystelma) **volubile** (India) 1885,
(Calandrinia) **calyptrata** (Australia) 1840 —> **Parakeelya calyptrate** by MA Hershkovitz 1999,
(Caralluma) **edulis** [w G Benth] (India, Pakistan),
(Ceropegia) **hookeri** (India, Nepal, Tibet, Bhutan) 1883 (na WJ Hooker),
(Ceropegia) **lawii** (India) 1883 (na ? Law),
(Ceropegia) **odorata** (India) 1883,
(Ceropegia) **sandersonii** (eastern RSA, Swaziland) 1869 (disc by J Sanderson 1867 & nah),
(Cissus) **currerii** (Namibia, Angola) 1849 (na AB Currer) —> **Cyphostemma currerii** by BM Descouings 1967,
(Cotyledon) **velutina** (Eastern Cape, Natal) 1868 (disc by T Cooper),
(Dischidia) **acutifolia** [w AC Maingay] (Borneo, Java, Sulawesi & Sumatra of Indonesia, Malaysia, Myanmar, Philippines, Thailand) 1883 (disc by AC Maingay).
(Echeveria) **canaliculata** (Chiapas, Oaxaca) 1857,
(Echidnopsis) **bentii** (Socotra) 1901 (na JT Bent),
(Echidnopsis) **cereiformis** (Sudan, Ethiopia) 1871,
(Euphorbia) **echinus** [w ES Cosson] (Morocco) 1874,
(Euphorbia) **monteiri** (Namibia, Angola, Botswana) 1865 (disc by T Baines c1850 & na JJ Monteiro),
(Euphorbia) **obesa** (Eastern Cape) 1903 (disc by P MacOwan 1897),

(Eureiandra) **formosa** (Angola) 1867,
 (Gerrardanthus) **macrorrhizus** (Mozambique, Eastern Cape, Natal, Swaziland) 1867 (disc by WT Gerrard c1862),
 (Gerrardanthus) **tomentosa** (Natal) 1883 (disc by JM Wood 1874),
 (Haemanthus) **deformis** (Natal) 1871,
 (Hoya) **caudata** (Malaysia, Thailand) 1883,
 (Hoya) **elliptica** (Malaysia, Thailand, Singapore) 1885,
 (Hoya) **globulosa** (India) 1882,
 (Hoya) **revolute** (Cambodia, Laos, Thailand, Vietnam, Borneo, Java, Sumatra, Malaysia) 1883,
 (Hoya) **serpens** (India, Nepal, Queensland) 1883,
 (Hoya) **thomsonii** (India, Tibet, China) 1883 (na T Thomson),
 (Huernia) **oculata** (Namibia) 1882 (disc by TJG Een c1880),
 (Impatiens) **mirabilis** (Malaysia's Langkawi Island) 1891,
 (Jatropha) **podagrica** (tropical central Amer),
 (Kleinia) **fulgens** (Tropical & s Africa) 1866 → **Senecio fulgens** by G Nicholson 1887,
 (Kleinia) **galpinii** (Transvaal) 1892 (disc by EE Galpin 1890 & nah) → **Senecio galpinii** by JD Hooker 1892,
 (Mesemb) **bolusii** (Eastern Cape, Western Cape) 1882 (disc by H Bolus c1874 & nah) → **Pleiospilos bolusii** by NE Brown 1926,
 (Mesemb) **brownii** (RSA) 1888 (na NE Brown) → **Lampranthus brownii** by NE Brown 1930,
 (Mesemb) **cooperi** (Transvaal) 1877 (na T Cooper) → **Delosperma cooperi** by HML Bolus 1927,
 (Mesemb) **cryptanthum** (Angola, sw Australia, Canary Islands, Mauritania, Namibia, n Africa, Calif) 1867–1871,
 (Mesemb) **introrsum** (Eastern Cape) 1873 → **Trichodiadema introrsum** by I Niesler 2001,
 (Mesemb) **sutherlandii** (Gauteng, Mpumalanga) 1877 → **Delosperma sutherlandii** by NE Brown 1926,
 (Modecca) **aculeata** (Ethiopia, Somalia, Kenya) 1880 → **Adenia aculeata** by HGA Engler 1881,
 (Myrmecodia) **beccarii** (Australia) 1886 (disc by J Banks & DC Solander 1770 & na O Beccari),
 (Portulaca) **grandiflora** (Uruguay, Argentina) 1829,
 (Pterodiscus) **luridus** (Eastern Cape) 1869,
 (Sarcostemma) **stocksii** (Arabian Peninsula, Pakistan) 1883 (na JE Stocks),
 (Sedum) **bupleuroides** [w T Thomson] (India, Nepal, Sikkim, Bhutan, Tibet, Myanmar, sw China) 1858
 → **Rhodiola bupleuroides** by SH Fu 1965,
 (Sedum) **crenulatum** [w T Thomson] (Nepal, Sikkim, Bhutan, Tibet, China) 1858 → **Rhodiola crenulata** by H Ohba 1976,
 (Sedum) **fastigiatum** [w T Thomson] (Kashmir, India, Nepal, Sikkim, Bhutan, Tibet, sw China) 1858
 → **Rhodiola fastigiata** by SH Fu 1965,
 (Sedum) **heterodontum** [w T Thomson] (Afghanistan, Pakistan, Tadzhikistan, Kashmir, India, Nepal, Tibet, Mongolia, China) 1858 → **Rhodiola heterodonta** by AG Borissova 1939,
 (Sedum) **humile** [w T Thomson] (Nepal, Sikkim, Tibet, China) 1858 → **Rhodiola humilis** by SH Fu 1965,
 (Sedum) **perpusillum** [w T Thomson] (India, Sikkim) 1858,
 (Sedum) **tibeticum** [w T Thomson] (Afghanistan, Pakistan, Kashmir, India, sw Tibet) 1858 → **Rhodiola tibetica** by SH Fu 1965,
 (Sedum) **trullipetalum** (China, Tibet, Sikkim, Nepal) 1858,
 (Sedum) **wallichianum** (Kashmir, India, Bhutan, Nepal, Sikkim, Tibet, China) 1844 (na N Wallich)
 → **Rhodiola wallichiana** by SH Fu 1965,
 (Senecio) **chordifolius** (Western Cape) 1876 → **Senecio talinoides** ssp **chordifolius** by GD Rowley 1990,

(Senecio) **galpinii** (Limpopo) 1892 (na EE Galpin),
 (Sesuvium) **edmonstonei** (Galapagos Islands) 1847 (na T Edmonstone),
 (Stapelia) **corderoyi** (Northern Cape, Free State) 1874 (disc by J Burke 1840–41 & na J Corderoy)
 —> **Duvalia corderoyi** by NE Brown 1876,
 (Stapelia) **hystrix** (Zimbabwe, Mozambique, Limpopo, Natal, Mpumalanga, Eastern Cape, Swaziland)
 1869 (disc by MJ Mcken) —> **Huernia hystrix** by NE Brown 1876,
 (Stapelia) **plantii** (Cape) 1868 (disc by Tuck c1866 & na RW Plant),
 (Synadenium) **grantii** (Uganda, Kenya) 1867 (disc by JA Grant 1862 & nah),
 (Talinum) **arnotii** (Northern Cape, Free State, Limpopo, Namibia, Zimbabwe, Zambia) 1876 (na
 D Arnot),
 (Telfairia) **occidentalis** (Tropical Africa) 1871,
 (Tillaea) **sinclairii** (New Zealand) 1864 (na A Sinclair) —> **Crassula sinclairii** by AP Druce & DR Given
 1984,
 (Vitis) **bainesii** (Angola, Namibia) 1864 (na T Baines) —> **Cyphostemma bainesii** by BM Descoings 1967,
 (Welwitschia) **mirabilis** (Namibia) 1859 (disc by FMJ Welwitsch 1859);

transfer species:

"Boucerosia edulis" (MP Edgeworth 1862) —> **Caralluma edulis** [w G Benth] 1876,
 "Boucerosia sinaica" (J Decaisne 1844) —> **Caralluma sinaica** [w G Benth] 1876,
 "Dracaena australis" (JGA Forster 1786) —> **Cordyline australis** 1860,
 "Eriopetalum attenuatum" (R Wight 1834) —> **Brachystelma attenuatum** 1885,
 "Eriopetalum laevigatum" (R Wight 1834) —> **Brachystelma laevigatum** 1885,
 "Eriopetalum parviflorum" (R Wight 1834) —> **Brachystelma parviflorum** 1885,
 "Rhynchocharpa schimperi" (CV Naudin 1862) —> **Crassula schimperi** 1871.
 "Rhynchocharpa welwitschii" (CV Naudin 1862) —> **Corallocarpus welwitschii** 1867,
 "Tetragonella implexicoma" (FAW Miquel 1845) —> **Tetragonia implexicoma** 1856,
 "Zehneria macrocarpa" (OW Sonder 1862) —> **Trochomeria macrocarpa** 1871.



† **Hooker**, (Prof) (Sir) (Dr hc) Wm Jackson (6 Jul 1785–12 Aug 1865); {Hook.}; British botanist
 & artist; authority on ferns; worked w J Banks; dir of bot garden (established 1818) & prof of botany
 at Glasgow Univ 1820–41; first dir of Royal Bot Gardens at Kew 1841~; honorary Doctor of Civil Law
 at Oxford Univ 1845; took over as editor of Curtis's Bot Magazine from J Sims in 1826 (w artist
 WH Fitch from 1834 to 1877); founder of periodical *Hooker's Icones Plantarum*; had contact w
 A Gray, T Nuttall, C Darwin & D Douglas; FLS 1806; FRS 1812; Knight of Hanover 1836; son JD Hooker;
 spouse Maria [née Turner] Hooker (c1797–1872);

Book [1823–27] *Exotic Flora* Edinburgh, Eng; Eng; (in 3 Vols);

[1823] Vol 1; 79p;

[1825] Vol 2; 71p;

[1827] Vol 3; 82p;

desc genera:

Grahamia (s US, Mex, Argentina, Australia) 1833 (na R Graham),
Leuchtenbergia (Mex) 1848 (na Duke of Leuchtenberg, E de Beauharnais),
Pterodiscus (Africa) 1844,
Scytanthus (Cape, Angola) 1844 (syn of Hoodia DECAISNE),
Telfairia (Tropical Africa) 1827 (na C Telfair);

species nah:

(Agave) **hookeri** (Jalisco, Michoacan, Guerrero) (desc & nah by GA von Jacobi 1866),
 (Ceropegia) **hookeri** (India, Nepal, Tibet, Bhutan) (desc & nah by JD Hooker 1883),

(Dasyliirion) **hookeri** (Hidalgo, San Luis Potosi) (desc & nah by AC Lemaire 1859 & disc c1845 by ?)
—> **Calibanus hookeri** by WA Trelease 1911;

desc species:

(Aeschynanthus) **speciosus** (Malayan Peninsula, Java, Borneo) 1847,
(Agave) **maculosa** (Mex) 1859,
(Calandrinia) **menziesii** (Chile),
(Calandrinia) **polyandra** (s & western Australia),
(Ceropegia) **attenuata** (India) 1852,
(Ceropegia) **oculata** (India) 1844,
(Ceropegia) **vincifolia** (India) 1839,
(Convolvulus) **filifolius** [w GAW Arnott] (Chile) 1830 —> **Nolana filifolia** by IM Johnston 1930,
(Dasyliirion) **glaucophyllum** (Mex) 1858,
(Echinocactus) **cinnabarinus** (Bolivia) 1847 (disc by TC Bridges 1846) —> **Echinopsis cinnabarina** by J Labouret 1853,
(Echinocactus) **leeanus** (Buenos Aires) 1845 (na J Lee & disc by J Tweedie 1837) —> **Gymnocalycium reductum** ssp **leeanum** by W Papsch 2000,
(Echinocactus) **pentlandii** (Peru, Bolivia) 1844 (disc by JB Pentland 1826 & nah) —> **Echinopsis pentlandii** by AG Dietrich 1846,
(Epiphyllum) **russellianum** (Rio de Janeiro) 1839 (disc by G Gardner 1837 & na J Russell)
—> **Schlumbergera russelliana** by NL Britton & JN Rose 1913,
(Euphorbia) **alata** (Jamaica) 1844,
(Euphorbia) **splendens** (Mada) 1829 (disc by W Bojer) —> **Euphorbia milii** var **splendens** by E Ursch & JD Leandri 1955,
(Euphorbia) **strigosa** [w G Arnott] (western Mex) 1838,
(Hoya) **cinnamomifolia** (Java) 1848,
(Hoya) **bella** (India, Myanmar, Nepal) 1848 —> **Hoya lanceolata** ssp **bella** by DH Kent 1981,
(Hoya) **purpureofusca** (Java) 1850,
(Hoya) **shepherdii** (India, China) 1861 (na J Shepherd),
(Ipomoea) **crassipes** (Tropical East Africa to Eastern Cape) 1844,
(Jatropha) **podagrica** (Guatemala to Panama) 1848,
(Grahamia) **bracteata** (Argentina) 1833,
(Kalanchoe) **bentii** (Arabian Peninsula, Somalia) 1901 (na T Bent),
(Leuchtenbergia) **principis** (Mex) 1848 (na Prince of Eichstadt, E de Beauharnais),
(Portulaca) **gilliesii** (Uruguay, Paraguay, Argentina, Bolivia) 1831 (na J Gillies);
(Pterodiscus) **speciosus** (Botswana, Free State, North-West, Gauteng) 1844,
(Scytanthus) **currori** (Angola, Namibia) 1844 (disc by AB Curror 1840 & nah) —> **Hoodia currori** by J Decaisne 1844,
(Sedum) **sieboldii** (Japan's Shodo Island) 1863 (na PF von Siebold) —> **Hylotelephium sieboldii** by H Ohba 1977,
(Sedum) **spathulifolium** (British Columbia, Washington, Oregon, Calif) 1834,
(Sedum) **uniflorum** [w GW Arnott] (Taiwan, Japan) 1838,
(Stapelia) **cactiformis** (Namibia) 1844 (disc by W Paterson 1778) —> **Larryleachia cactiformis** by DCH Plowes 1996;

transfer species:

"Asparagus cuscutoides" (JG Baker 1875) —> **Schizobasis cuscutoides** (w G Bentham) 1883,
"Fevillea pedata" (J Sims 1826) —> **Telfairia pedata** 1827,
"Piper tetraphyllum" (JGA Forster 1786) —> **Peperomia tetraphylla** [w GAW Arnott] 1831.

† **Hoover**, [née Brown,] Bettina [**Betty**] Louise (1912–1992); US: spouse Robert Francis Hoover;
species nah:

(Dudleya) **bettinae** (Calif) (desc & nah by RF Hoover 1965) —> **Dudleya abramsii** ssp **bettinae** by JA Bartel 1991.

† **Hoover**, (Dr) Robert Francis (11 Aug 1913–18 Feb 1970); {Hoover}; US botanist; PhD at Univ of Calif, Berkeley 1937; teacher at Calif State Polytechnic College in San Luis Obispo, Calif for 23 yrs; explored in Calif; spouse BL Hoover;

desc species:

(Dudleya) **bettinae** (Calif) 1965 (na Betty L Hoover) —> **Dudleya abramsii** ssp **bettinae** by JA Bartel 1991.

Hope, Claude;

Book [1955] *Kalanchoes for the Window Garden*; Eng; 26p; (from Natl Horticultural Magazine, Vol 34, #4).

† **Hopffer**, (Dr) Carl Heinrich (1810–1 Feb 1876); {Hopff.}; Ger entomologist; curator at Museum für Naturkunde, Berlin; had large cactus collection;

desc species:

(Echinocactus) **texensis** (Texas, New Mex, Chihuahua, Nuevo Leon, Coahuila, Tamaulipas) 1842 (disc by JL Berlandier 1836).



Horacek, [Horáček,] Ladislav (12 Apr 1959–); {Horacek}; Czech Rep car factory technician; organizer & explorer in Bolivia, Chile, Mex & US;

Book [2008] *Sulcorebutia 2008* Czech Rep; Czech/Eng; 288p w 287 color photos;

desc species:

(Parodia) **slabaiana** [w JJ Halda] (Tarija) 2000 (disc by JJ Halda & L Horacek 1998 & na R Slaba).

† **Horak**, [Horák,] Bohuslav (14 Oct 1877–10 Feb 1942); Czech botanist;

species nah:

(Sedum alpestre var) **horakii** (Greece, Macedoni, Rumania, Bulgaria) (desc & nah by J Rohlena 1904)
—> **Sedum grisebachii** var **horakii** by H 't Hart 1983.

Horak, Karl E (fl. 1978); {K.E.Horak};

transfer species:

"Cereus alamosensis" (JM Coulter 1896) —> **Stenocereus alamosensis** [w AC Gibson] 1979,

"Cereus chende" (R Roland-Gosselin 1905) —> **Polaskia chende** [w AC Gibson] 1979,

"Cereus kerberi" (KM Schumann 1897) —> **Stenocereus kerberi** [w AC Gibson] 1979.



† **Horich**, [né Hörich, Klaus] Clarence (11 May 1930–1 Mar 1994); {Horich}; Ger horticulturist; to Canada 1951–57; to Costa Rica 1957~; collected epiphytic cacti & orchids in Central & S Amer, Costa Rica, Guatemala & Ecuador; wrote journal articles;

disc species:

(Eccremocactus) **rosei** (Ecuador) 1958 (desc by MW Kimnach 1962 & na JN Rose) —> **Weberocereus rosei** by F Buxbaum 1978;

disc variety:

(Epiphyllum phyllanthus var) **rubrocoronatum** (Colombia, Ecuador, Panama) 1958 (desc by

MW Kimnach 1964) —> **Epiphyllum phyllanthus** ssp **rubrocoronatum** by R Bauer 2003.

Horn, Herklaas [**Herkie**] A;

disc subsp:

(Conophytum angelicae ssp) **tetragonum** (Richtersveld, Namaq) c1966 (desc by R Rawe & SA Hammer 1993),

(Conophytum herreanthus ssp) **rex** (Cape) (desc & nah by SA Hammer 1993);

disc variety:

(Lithops aucampiae var) **euniceae** (Northern Cape) 1963 (desc by HW de Boer 1966 & na Eunice E Burmeister) —> **Lithops aucampiae** ssp **euniceae** by DT Cole 1988.



Hornemann, Jens Wilken (6 Mar 1770–30 Jul 1841); {Hornem.}; Danish naturalist & botanist; lecturer of botany at Copenhagen bot garden 1801–07; prof of botany at Univ of Copenhagen, Denmark 1808~; editor of *Flora Danica* 1805~; spouse Marie Judith [née Horneman] Hornemann (1779–), a cousin;

desc species:

(Sempervivum) **aureum** (Canary Islands) 1819 —> **Aeonium aureum** by THM Mes 1995,

(Sempervivum) **spathulatum** (Canary Islands) 1819 —> **Aeonium spathulatum** by RL Praeger 1928,

(Sempervivum) **urbicum** (Canary Islands) 1819 —> **Aeonium urbicum** by PB Webb & S Berthelot 1841.

Horner, (Dr) Harry Theodore, Jr (1936–); US plant pathologist & cytologist; PhD in biology & biomedical science at Northwestern Univ,

Evanston, Illinois 1964;

Book [1964] *A Histochemical & Ultrastructural Study of Yucca Seed Germination*; 310p.

Horobin, John F (fl. 1990); {Horobin}; British horticulturist;

editor of 'Journal of the Epiphytic Plant Study Group' 1981~; specializes in Schlumbergera;

Book [1985] *Schlumbergera* Eng; Eng; 11p; (from Plantsman Quarterly Journal, Vol 7, Part 1),

[1995] *Christmas Cacti: The Genus Schlumbergera & Its Hybrids* [w A McMillan] Dorset, Eng; Eng; 160p;

desc subsp:

(Schlumbergera truncata ssp) **kautskyi** [w AJS McMillan] (Espirito Santo) 1991 (na R Kautsky)

—> **Schlumbergera kautskyi** by NP Taylor 1991.



† **Horst**, Leopoldo (16 Feb 1918–3 Feb 1987); Brazilian farmer & timber merchant; collected in Brazil at various times w G Baumhardt, F Ritter, AFH Buining & WJ Uebelmann 1966–85; spouse Melita Horst; son Kurt Ingo Horst;

Book [1984] *25 Jahre HU* Ger; Ger; 62p; S Amer field # list of L Horst & W Uebelmann;

species nah:

(Notocactus) **horstii** (Brazil) (desc & nah by F Ritter 1966 & disc by L Horst & F Ritter 1964) —> **Parodia**

horstii by NP Taylor 1987;

disc species:

(Cleistocactus) **horstii** [w WJ Uebelmann] (Brazil) 1974 (desc by PJ Braun 1982 & na L Horst)

—> **Cleistocactus baumannii** ssp **horstii** by NP Taylor 1998,

(Discocactus) **horstii** (Brazil) (desc & nah by AFH Buining & AJ Brederoo 1973),

(Eriocactus) **magnificus** [w F Ritter] (Rio Grande do Sul) 1964 (desc by F Ritter 1966) —> **Parodia**

magnifica by FH Brandt 1982,

(Frailea) **albicolumnaris** (Brazil) (desc by F Ritter 1970) —> **Frailea pygmaea** ssp **albicolumnaris** by

A Hofacker 1998,
 (Frailea) **horstii** (Brazil) (desc & nah by F Ritter 1970) —> **Frailea gracillima** ssp **horstii** by PJ Braun & E Esteves Pereira 1995,
 (Gymnocalycium) **horstii** (Rio Grande do Sul) c1965 (desc & nah by AFH Buining 1970),
 (Gymnocalycium) **matoense** [w AFH Buining] (Bolivia) 1974 (desc by AFH Buining & AJ Brederoo 1975)
 —> **Gymnocalycium marsoneri** ssp **matoense** by JP Braun & E Esteves Pereira 1995,
 (Melocactus) **alex-bragai** [w AFH Buining] (Bahia) 1960s (desc by JP Braun & E Esteves Pereira 2008 & na Alex Braga Nascimento),
 (Melocactus) **azureus** (Bahia) 1968 (desc by AFH Buining & AJ Brederoo 1971),
 (Melocactus) **concinus** (Bahia) (desc by AFH Buining & AJ Brederoo 1972),
 (Melocactus) **conoideus** (Bahia) (desc by AFH Buining & AJ Brederoo 1973),
 (Melocactus) **cremnophilus** [w WJ Uebelmann] (Bahia) 1967 (desc by AFH Buining & AJ Brederoo 1972)
 —> **Melocactus oreas** ssp **cremnophilus** by PJ Braun 1988,
 (Melocactus) **deinacanthus** (Bahia) 1971 (desc by AFH Buining & AJ Brederoo 1973),
 (Melocactus) **ferreophilus** (Bahia) (desc by AFH Buining & AJ Brederoo 1973),
 (Melocactus) **glaucescens** [w WJ Uebelmann] (Bahia) 1967 (desc by AFH Buining & AJ Brederoo 1972),
 (Melocactus) **inconcinus** [w AFH Buining] (Bahia) 1972 (desc by AFH Buining & AJ Brederoo 1975),
 (Melocactus) **levitestatus** (Bahia) (desc by AFH Buining & AJ Brederoo 1973),
 (Melocactus) **longicarpus** [w AFH Buining] (Bahia, Minas Gerais) 1966 (desc by AJ Brederoo & AFH Buining 1974)—> **Melocactus ernestii** ssp **longicarpus** by NP Taylor 1991,
 (Melocactus) **pachyacanthus** [w AFH Buining] (Bahia) 1972 (desc by AFH Buining & AJ Brederoo 1976),
 (Micranthocereus) **auriaureus** (Minas Gerais) 1971 (desc by AFH Buining & AJ Brederoo 1973),
 (Notocactus) **carambeiensis** [w WJ Uebelmann] (Brazil) 1966 (desc by AFH Buining & AJ Brederoo 1973)
 —> **Parodia carambeiensis** by A Hofacker 1998,
 (Notocactus) **fuscus** (Brazil) 1965 (desc by F Ritter 1979) —> **Parodia fusca** by A Hofacker & PJ Braun 1998,
 (Notocactus) **tenuicylindricus** [w F Ritter] (Rio Grande do Sul) 1965 (desc by F Ritter 1970) —> **Parodia tenuicylindrica** by DR Hunt 1997,
 (Pilosocereus) **rosae** [w WJ Uebelmann] (Minas Gerais) 1982 (desc by PJ Braun 1984) —> **Pilosocereus fulvilanatus** ssp **rosae** by DC Zappi 1994,
 (Pseudopilocereus) **fulvilanatus** (Minas Gerais) 1968 (desc by AFH Buining & AJ Brederoo 1973)
 —> **Pilosocereus fulvilanatus** by F Ritter 1979,
 (Pseudopilocereus) **jauruensis** [w WJ Uebelmann] (Brazil) 1974 (desc by AFH Buining & AJ Brederoo 1978) —> **Pilosocereus jauruensis** by PJ Braun 1984,
 (Pseudopilocereus) **magnificus** [w WJ Uebelmann] (Minas Gerais) 1968 (desc by AFH Buining & AJ Brederoo 1979) —> **Pilosocereus magnificus** by F Ritter 1979,
 (Rhipsalis) **agudoensis** [w WJ Uebelmann] (Rio Grande do Sul) ≈1987 (desc by NP Taylor 2003);
 (Uebelmannia) **buiningii** [w G Baumhardt] (Minas Gerais) 1966 (desc by JD Donald 1968),
 (Uebelmannia) **pectinifera** [w G Baumhardt] (Minas Gerais) 1966 (desc by AFH Buining 1967);
disc variety:
 (Pereskia grandifolia var) **violacea** [w WJ Uebelmann] (Brazil) 1967–68 (desc by BE Leuenberger 1986)
 —> **Pereskia grandifolia** ssp **violaceae** by NP Taylor & DC Zappi 1997.

Horvath, Brent;

Book [2014] *The Plant Lover's Guide to Sedums*; Eng; 232p w 238 color photos.



† **Horwood**, Francis [Frank] Kenneth (31 Jul 1924–22 Mar 1987); {Horwood}; British horticulturist; grower of rare tropical succ as gardener in bot garden at Univ of Leeds, Eng; to Calif 1975 to work at Lotusland & then at Abbey Garden 1977; excellent propagator of succ; explored in RSA, Namibia, Angola, Mozambique, Kenya, Somalia & Ethiopia; wrote journal articles; IOS member 1971; NCSS Fellow 1976;

species nah:

(Pseudolithos) **horwoodii** (Somalia) 1973 (desc & nah by PRO Bally & JJ Lavranos 1974),
(Sansevieria) **francisii** (Kenya) (desc & nah by BJ Chahinian 1995);

disc species:

(Aloe) **brunneostriata** [w JJ Lavranos, PRO Bally & R Melville] (Somalia) 1973 (desc by JJ Lavranos & S Carter 1992),
(Caralluma) **vaduliae** (Somalia) 1985 (desc by JJ Lavranos 1991 & na Vadulia Thuhellengonn),
(Dorstenia) **lavrani** [w JJ Lavranos] (Somaliland) 1973 (desc by TA McCoy & M Massara 2008 & na JJ Lavranos),
(Euphorbia) **horwoodii** (Somalia) 1973 (desc & nah by S Carter & JJ Lavranos 1978);

desc variety:

(Pseudolithos cubiformis var) **viridiflorus** 1975.



† **Hosseus**, (Dr) **Carl** [Carlos] Curt (11 Aug 1878–4 May 1950); {Hoss.}; Ger botanist; PhD in 1903; collected in Thailand 1904–05; to Argentina 1912 & collected there 1912~; prof of botany in Cordoba, Argentina 1916–46; CSSA Fellow award 1941;

Book [1926] *Apuntes Sobre Las Cactaceas* Cordoba, Argentina; Spanish; 25p,

[1939] *Notas Sobre Cactaceae Argentinas* Cordoba, Spain; Spanish; 152p;

species nah:

(Echinocactus) **hossei** (Cordoba, La Rioja) (desc & nah by FFA Haage 1927) —> **Gymnocalycium hossei** by AW Hill 1933;

disc species:

(Echinopsis) **chrysantha** [w AV Fric, E Stuemer & O Marsoner] (Salta) 1930 (desc by E Werdermann 1931);

desc species:

(Echinocactus) **andreae** (Cordoba) c1927 (desc by F Boedeker 1930 & na W Andreae)
—> **Gymnocalycium andreae** by C Backeberg 1936,
(Hoya) **engleriana** (Cambodia, Laos, Vietnam, Thailand) 1907 (na HGA Engler);

transfer species:

"Echinocactus capillensis" (C Schick 1923) —> **Gymnocalycium capillaense** 1926.
"Echinocactus paraguayense" (KM Schumann 1903) —> **Gymnocalycium paraguayense** 1939;
"Echinocactus quehlianus" (FAL Quehl)—> **Gymnocalycium quehlianus** 1926,
"Frailea bruchii" (CL Spegazzini 1923) —> **Gymnocalycium bruchii** 1926.

† **Houerou**, [Houérou,] (Dr) Henry Noel le (25 Dec 1928–21 Dec 2009); French botanist; PhD at Univ of Montpellier, France 1960;

Book [1965] *Le Rôle des Opuntia dans L'Economie Agricole nord Africaine* [w A Monjauze]; 80p.



† **Hough**, (Dr) Walter (23 Apr 1859–20 Sep 1935); US ethnologist & painter of desert scenes of sw US; PhD at of West Virginia Univ, Morgantown 1894; assistant curator 1886–10 & curator 1910~ in dept of anthropology at US Natl Museum, Smithsonian Institution, Washington DC; collected in sw US & w JN Rose in Mex 1899;

disc species:

(Echeveria) **pulvinata** [w JN Rose] (Oaxaca) 1899 (desc by JN Rose 1903).



† **Houghton**, (Dr med) Arthur Duvernoix (8 Jun 1871–23 Jan 1938); {Houghton}; Eng to US 1902; physician & horticulturist; MD at Hahnemann Medical College, Eng 1902; PhD at Univ of Calif, Los Angeles 1924; one of 3 people that started CSSA in 1928 [w J West & GA Frick]; 1st pres of CSSA 1929; spouse Florence G Houghton;

Book [1930] *The Cactus Book* NYC; Eng; 147p w 18 photos;

desc species:

(Nopalea) **brittoni** 1929 (na NL Britton).

Houk, Rose (1950–); US natural history journalist;

Book [1996] *Wild Cactus* [w GHH Huey] NYC; Eng; 127p w 102 color photos; (text by R Houk & photos by GHH Huey).

Houston C&SS;

Book [1974] *Succ Growing in Harris County* Houston, Texas.

† **Houstoun**, [Houston,] (Dr med) Wm (1695–14 Aug 1733); Scottish surgeon & botanist; MD at Univ of St Andrews, Netherlands 1729; interested in medicinal uses of newly disc plants; collected in Jamaica, Cuba, Venezuela, US & Veracruz for P Miller 1727–29; FRS 1733;

disc species:

(Opuntia) **spinosissima** (Jamaica) (desc by P Miller 1768) —> **Consolea spinosissima** by AC Lemaire 1862.

† **Houten**, JM van den;

Book [1927] *Cactussen* Rotterdam, Netherlands; Dutch; 56p,

[1927] *Vetplanten* Rotterdam; Dutch; 56p.

† **Houttuyn**, (Dr med) Maarten [**Martin**] Willem (1720–2 May 1798); {Houtt.}; Dutch physician, biologist & naturalist; MD at Leiden Univ 1749;

desc genus:

Massonia (Eastern Cape, Mpumalanga, Free State) 1780 (na F Masson);

desc species:

(Geranium) **chelidonium** (Western Cape) 1779 —> **Pelargonium chelidonium** by AP de Candolle 1824, (Massonia) **depressa** (Eastern Cape, Free State) 1780.

Houzenga, John H;

disc species:

(Agave) **arizonica** [w HJ Hazlett & JH Weber] (Arizona) 1960s (desc by HS Gentry & JH Weber 1970).

† **Hove**, [Hoveau,] Antony [Anthony] Pantaleon (–Jan 1830); Polish gardener at Kew; explored & collected succ at Cape for Kew & J Banks; collected in western Africa (Guinea Coast 1785) & India 1787–88;

disc species:

(Pelargonium) **ceratophyllum** (Namibia, Northern Cape) 1786 (desc by CL L’Heritier 1789),

(Pelargonium) **crassicaule** (Namibia, Northern Cape) 1786 (desc by CL L’Heritier 1789).

Hove, T Toussaint van — See **Toussaint van Hove**, T.

Hovens, Jan (fl. 1984); {Hovens}; Dutch horticulturist & nurseryman; specialist Brazilian cacti; founded [w Gerard Uil] study-club *Discocactus* 1987; owner of nursery *Hovens Cactuswekerij* in Lottum, Holland ≈1993 & in Wessem 1993~;

Book [1985] *Ein Beitrag zum Studium des Artenkomplexes um Notocactus ubelmannianus* = “An Addition to the Studies of the Notocactus ubelmannianus Complex” [w H Franssen, G Buchner & G Konigs] Lottum, Netherlands; Ger; 30p,

[1992–95] *Discocactus* Lottum; Dutch; (in 4 Parts); (editor of);

[1992] Part 1; 37p w 30 color photos;

[1993] Part 2; 45p w 30 color photos;

[1994] Part 3; 28p w 28 color photos;

[1995] Part 4; 90p w 35 color photos.

†**Howard**, Edward; Calif;

disc species:

(Graptopetalum) **orpetii** (Arizona) 1929 (desc by EE Walther 1930 & na EO Orpet).



†**Howard**, (Dr) Thaddeus [**Thad**] Monroe (28 Dec 1929–21 Apr 2009);

US veterinarian 1956–95, botanist & horticulturist; PhD in veterinary medicine at

Texas A&M Univ, College Station; owner of Zephyr Gardens, San Antonio, Texas 1957–72; interested

in collecting in Texas, Mex, Guatemala, Brazil & Argentina, & hybridizing bulbous plants

(especially rain lilies) & in bulb gardening;

species nah:

(Polianthes) **howardii** (Jalisco, Colima) (desc & nah by SE Verhoek-Williams 1976) —> **Agave howardii**

by J Thiede & U Egli 1999.

†**Howell**, James;

Book [1933] *The Cactaceae of the Galapagos Islands* San Francisco, Calif; Eng; 14p.



†**Howell**, John Thomas [**Tom**] (6 Nov 1903–7 May 1994); {J.T.Howell}; US botanist; studied

under WL Jepson w a MA at Univ of Calif, Berkeley 1927; botanist at Rancho Santa Ana Botanic

Garden, Calif 1927–29; assistant, protégé & traveling companion of A Eastwood & later curator of

botany at Calif Academy of Science 1929~; botanist on Templeton Crocker Expedition to west coast

of Mex & Central Amer & to Galapagos Islands 1932; co-founder (w A Eastwood) of *Leaflets of*

Western Botany journal 1932–66; the John Thomas Howell Bot Garden at Old St. Hilary's Historic Preserve in

Marin County, Calif nah; specialist on Galapagos Islands flora; interested in Eriogonum species;

desc genus:

Baeriopsis (Guadalupe Island) 1942;

desc species:

(Baeriopsis) **guadalupensis** (Guadalupe Island) 1942 (disc by him),

(Lewisia) **cantelovii** (Calif, Nevada) 1942 (disc by HC Cantelow 1941 & nah),

(Sesuvium) **eastwoodianum** (Galapagos Islands) 1966 (na A Eastwood);

variety nah:

° (Portulaca lutea var) **howellii** (Galapagos Islands) (desc & nah by CMD Legrand 1953) —> **Portulaca howellii** by UH Eliasson 1966;

desc variety:

(*Calyptridium parryi* var) **arizonicum** (Arizona) 1945 → **Cistanthe parryi** var **arizonica** by JT Kartesz & KN Gandhi 1991,

(*Calyptridium parryi* var) **nevadense** (Calif) 1945 → **Cistanthe parryi** var **nevadensis** by JT Kartesz & KN Gandhi 1991.



† **Howell**, Thomas Jefferson (8 Oct 1842–3 Dec 1912); {Howell}; US botanist in Portland, Oregon; built up a herbarium c1870 & furnished sets of exsiccated plants to herbaria in Europe & US; w only 6 months of schooling & little hard cash he taught himself to set type for his books; spouse Effie [née McIlwane] Howell;

Book [1887] *A catalogue of the Known Plants of Oregon, Washington & Idaho* Portland, Oregon; Eng; 28p, [1903] *Flora of Northwest Amer* Portland; Eng; 474p; (most complete account of flora of Pacific Northwest for nearly 50 yrs);

species nah:

(*Calandrinia*) **howellii** (Oregon, Calif) (desc & nah by S Watson 1888) → **Lewisia cotyledon** var **howellii** by WL Jepson 1914;

disc species:

(*Calandrinia*) **cotyledon** (Oregon, Calif) 1883 (desc by S Watson 1885) → **Lewisia cotyledon** by BL Robinson 1897;

desc species:

(*Sedum*) **ciliosum** (Oregon) 1898 → **Sedum radiatum** ssp **ciliosum** by RT Clausen 1975.

† **Howes**, Paul Griswold (30 Sep 1892–16 Jun 1984); US illustrator & naturalist; curator & dir at Bruce Museum, Greenwich, Connecticut 1919–64; first spouse Lucy (1887–1975); second spouse Florence Lilian [née Carey] Howes;

Book [1954] *The Giant Cactus Forest & Its World; a Brief Biology of the Giant Cactus Forest of our Amer Southwest* NYC; Eng; 258p + 52 plates, [1958] *The Cactus World* NYC; Eng; 56p.

† **Howman**, H Roger G (1909–); Zimbabwe; Native Commissioner at Ndanga & Zaka until 1939 & later at Chimanimani;

disc species:

(*Aloe*) **howmanii** (Zimbabwe) 1941 (desc & nah by GW Reynolds 1961).

† **Hoy**, Thomas (c1750–1 May 1822); British botanist; gardener for Duke of Northumberland at Syon House, Isleworth, Middlesex, Eng 1788–1809; FLS 1788;

genus nah:

Hoya (Pakistan, India, Bangladesh, Bhutan, Papua New Guinea, Australia, Japan, various Pacific Islands) (desc & nah by R Brown 1810).

Hsu, Ping Sheng (1924–); {P.S.Hsu};

desc species:

(*Sedum*) **ecalcaratum** [w HJ Wang] (eastern China) 1991,
(*Sedum*) **jiuhuashanense** [w HJ Wang] (China) 1991.

Hu, Zhi Bi (fl. 1982); {Z.B.Hu}; China;

desc species:

(*Sedum*) **angustifolium** [w XL Huang] (eastern China) 1981.

†**Hua**, Henri (16 Feb 1861–1919); {Hua}; French botanist; botanist at herbarium of Natl Museum of Natural History of France in Paris; collected in Senegal, Guinea & Equatorial Africa;

transfer species:

"Plectranthus subacaulis" (JG Baker 1895) —> **Aeollanthus subacaulis** [w JI Briquet] 1900.

Huang, Xiu Lan (1932–); {X.L.Huang}; China;

desc species:

(Sedum) **angustifolium** [w ZB Hu] (eastern China) 1981.

†**Huber**, (Prof) (Dr) **Herbert** Franz Josef (1 Jan 1931–1 Oct 2005); {H.Huber}; Ger botanist; PhD at Univ of Munich, Ger 1957; curator of bot garden at Univ of Würzburg, Ger; prof of botany at Univ of Mérida, Venezuela; chairman of Hamburg Herbarium, Ger; prof of botany at Univ of Kaiserslautern, Ger; father JA Huber;

Book [1957] *Revision der Gattung Ceropegia* Coimbra, Portugal; Ger/Latin; 203p; (PhD thesis);

desc species:

(Brachystelma) **blepharanthra** (Namibia) 1961,
(Ceropegia) **arabica** (Yemen, Saudi Arabia) 1957 (disc by WR Ogilvie-Grant 1902),
(Ceropegia) **galeata** (Kenya) 1957,
(Ceropegia) **humbertii** (Mada) 1955 (na H Humbert),
(Ceropegia) **illegitima** (Central African Rep, Zaire, Malawi) 1955,
(Ceropegia) **linophylla** (Equatorial Guinea, Cameroon, Ghana, Nigeria, Senegal, Central African Rep)

1957,

(Ceropegia) **maiuscula** (Tanzania) 1957,
(Ceropegia) **meleagris** (Nepal) 1957,
(Ceropegia) **taprobanica** (Sri Lanka) 1983,
(Crassula) **marnierana** [w HJH Jacobsen] (Western Cape) 1951 (na JLE Marnier-Lapostolle) —> **Crassula rupestris** ssp **marnieriana** by HR Tolken 1975,
(Ceropegia) **salicifolia** (China) 1957,
(Ceropegia) **speciosa** (Tanzania) 1957,
(Raphionacme) **inconspicua** (Namibia) 1955;

transfer species:

"Aristolochia mairei" (AAH Leveille 1912) —> **Ceropegia mairei** 1957,
"Ceropegia copleyae" (EA Bruce & PRO Bally 1950) —> **Ceropegia crassifolia** var **copleyae** 1957.
"Ceropegia debilis" (NE Brown 1895) —> **Ceropegia linearis** ssp **debilis** 1957,
"Ceropegia tentaculata" (NE Brown 1895) —> **Ceropegia multiflora** ssp **tentaculata** 1957,
"Ceropegia woodii" (FRR Schlechter 1894) —> **Ceropegia linearis** ssp **woodii** 1957;

desc variety:

(Ceropegia evansii var) **media** (India) 1957 —> **Ceropegia media** by MY Ansari 1971,
(Ceropegia longifolia var) **exigua** (China) 1957 —> **Ceropegia exigua** by MG Gilbert & PT Li 1995,
(Ceropegia sobolifera var) **nephroloba** (Zimbabwe, Tanzania) 1957.



†**Huber**, (Prof) (Dr) Josef Anton (8 Sep 1899–2 Feb 1974); {J.A.Huber}; Ger; studied biology & botany at Univ of Munich; PhD thesis on Morphology of the Mesembrianthemum in 1923; prof of biology & anthropology at Phil-Theol. High School, Dillengen/Danube; founding member of IOS 1950; son HFJ Huber;

Book [1929] *Zur Systematik der Gattung Sedum* L Landshut, Ger; Ger; 118p,

[1943] *Morphologische Studien an Mesembryanthemen* = "Morphological Studies on Mesembryanthema" Neudamm, Ger; Ger; 60p;

desc species:

(Sempervivum) **cantabricum** (Spain) 1934.

† **Hubert**, Eugène François Marie d';

Book [1896] *Recherche sur le sac Embryonnaire des Plantes Grasses* Paris; 126p.

† **Hudson**, (Mr) ?;

disc species:

(Euphorbia) **septentrionalis** (Uganda, Kenya) 1939 (desc by PRO Bally & S Carter 1974).

† **Hudson**, Wm (1730–23 May 1793); {Huds.}; British apothecary, horticulturist & botanist; early believer of Linnaean system; one of founders of Linnean Soc; praefectus & praelector at Chelsea Physic Garden 1765–71;

desc species:

(Sedum) **anglicum** (western parts of Europe along Atlantic coast from Portugal to GB & Ireland & to the s countries of Scandinavia) 1778.



Huerta, (Prof) (Dr) Alfredo J; US botanist; PhD at Univ of Calif, Riverside 1987; prof of botany at Miami Univ, Oxford, Ohio;

Book [1987] *Induction of Crassulacean Acid Metabolism in Portulacaria afra (L) JACQ. (Portulacaceae)* Riverside, Calif, Eng; 152p.

† **Huet**, [Huet du Pavillon,] Alfred (1 Jan 1829–18 Nov 1907); {A.Huet}; French administrator & botanist; pupil of AP de Candolle 1851–52; had large herbarium w brother Édouardo Huet de Pavillon (1819–1908); collected in Asia Minor & Arabia w brother in 1850s;

desc species:

(Sempervivum) **armenum** [w PE Boissier] (Turkey) 1856.



Huey, George HH; US photographer;

Book [1996] *Wild Cactus* [w R Houk] NYC; 127p w 102 color photos; (text by R Houk & photos by GHH Huey),

[1997] *Organ Pipe Cactus Natl Monument : Where Edges Meet* [w B Broyles] Tucson, Arizona; 64p.

Huft, Michael J (1949–); {Huft};

desc species:

(Euphorbia) **guiengola** [w WR Buck] (Oaxaca, Chiapas) 1977.



Hulett, Arlowe D (1931–); worked at Agricultural Extension Service, Univ of Wyoming, Laramie, Wyoming 1957–87; spouse Mary Hulett;

Book [1965] *Chemical & Mechanical Control of Plains Pricklypear in Northeastern Wyoming* [w RM Hyde & HP Alley] Laramie; Eng; 10p.

† **Hulten**, [Hultén,] (Prof) (Dr) **Eric** Oskar Gunnar (18 Mar 1894–1 Feb 1981); {Hulten}: Swedish botanist; DSc at Univ of Lund, Sweden 1937, dir of herbarium 1931–37 & prof of botany 1937~; explored in eastern Russia 1927 & Kola Peninsula, & Mex, Aleutian Islands & Alaska 1931–32; wrote books on plant distribution & floristics;

species nah:

(Sedum) **hultenii** (Puebla) (desc & nah by HA Froderstrom 1936).



† **Humbert**, Jean-Henri [**Henri**] (24 Jan 1887–20 Oct 1967); {Humbert}; French botanist, phytogeographer, conservationist & taxonomist; prof at Univ d'Algiers, Algeria 1922–31; dir of Laboratoire de Phanerogamie at Natl History Museum, Paris, France 1931–58; explored Mada 10 times between 1912 & 1960; collected in Belgian Congo 1929, in RSA, 1933–34, in central & eastern Africa & Angola 1937–38, in Argentina 1948, in Colombia, Dominican Rep & Venezuela 1952, in Peru & Mex 1958 & in Brazil & Morocco; editor of *Flore de Mada et des Comores* 1936~;

Book [1923] *Flore de Mada—111ème famille (Euphorbiacees)*; 209p;

desc genera:

Alluaudiopsis [w P Choux] (Mada) 1934 (na C Alluaud),

Xerosicyos (Mada) 1939,

Zygosicyos (Mada) 1945;

species nah:

(Alluaudia) **humbertii** (Mada) (desc & nah by P Choux 1934),

(Ceropegia) **humbertii** (Mada) (desc & nah by HFJ Huber 1955),

(Cissus) **humbertiana** (Mada) (desc & nah by BM Descoings 1965),

(Crassula) **humbertii** (Mada) (desc & nah by BM Descoings 1957),

(Cynanchum) **humbert-capuronii** (Mada) (desc & nah & RPR Capuron by SL Liede & U Meve 2001),

(Seyrigia) **humbertii** (Mada) (desc & nah by M Keraudren 1960);

disc species:

(Aloe) **humbertii** (Mada) 1928 (desc & nah by JMH Perrier de la Bathie 1931),

(Aloe) **lucile-allorgeae** (Mada) 1936 (desc by WHH Rauh 1998 & na Lucile Allorge),

(Aloe) **millotii** (Mada) 1947 (desc by GW Reynolds 1956 & na J Millot),

(Aloe) **versicolor** (Mada) 1947 (desc by A Guillaumin 1950),

(Euphorbia) **francoisii** (Mada) (desc by JD Leandri 1946 & na E Francois);

desc species:

(Alluaudiopsis) **fiherenensis** [w P Choux] (Mada) 1934,

(Ceropegia) **dimorpha** (Mada) 1957,

(Euphorbia) **boinensis** [w JD Leandri] (Mada) 1966,

(Kalanchoe) **ambolensis** (Mada) 1933,

(Kalanchoe) **arborescens** (Mada) 1933,

(Kalanchoe) **mandrarensis** (Mada) 1939,

(Notonia) **madagascariensis** (Mada) 1923 → **Senecio longiflorus** ssp **madagascariensis** by GD Rowley

1990,

(Pelargonium) **caylae** (Mada) 1936 (na LHC Cayla),

(Sedum) **decaryi** (Mada) 1923 (na R Decary),

(Sedum) **maurum** [w RCJ Maire] (Morocco) 1927,

(Senecio) **baronii** (Mada) 1963 (na R Baron),

(Senecio) **capuronii** (Mada) 1962 (na RPR Capuron),

(Senecio) **crassissimus** (Mada) 1923,

(Senecio) **decaryi** (Mada) 1923 (na R Decary),

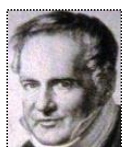
(Senecio) **hirticrassus** (Mada) 1923,
 (Senecio) **leandrii** (Mada) 1959 (na JD Leandri),
 (Senecio) **marnieri** (Mada) 1963 (na J Marnier-Lapostolle),
 (Senecio) **neobakeri** (Mada) 1963 (na JG Baker),
 (Senecio) **quartziticola** (Mada) 1942 ,
 (Senecio) **saboureaui** (Mada) 1962 (na P Saboureaux),
 (Uncarina) **leandrii** (Mada) 1962 (na JD Leandri),
 (Uncarina) **perrieri** (Mada) 1962 (na JMH Perrier de la Bathie),
 (Uncarina) **sakalava** (Mada) 1962,
 (Uncarina) **stellulifera** (Mada) 1962,
 (Xerosicyos) **danguyi** (Mada) 1939 (na PA Danguy),
 (Xerosicyos) **perrieri** (Mada) 1939 (na JMH Perrier de la Bathie),
 (Zygosityos) **tripartitus** (Mada) 1945;

desc subsp:

(Kalanchoe jongmansii ssp) **ivohibensis** (Mada) 1933.

† **Humble**, CW;

Book [1918] *Range Cow Maintenance on Yucca and Sotol* [w L Foster] Albuquerque, New Mex; Eng; 27p.



† **Humboldt**, (Dr) Friedrich Wilhelm Heinrich **Alexander** [Freiher] von
 (14 Sep 1769–6 May 1859); {Humb.}; Prussian naturalist, biogeologist, mineralist, astronomer,
 volcanologist & demographer; student of CL von Willdenow; explored [w AJA Bonpland] in Cuba,
 Mex, Venezuela, Colombia, Ecuador & Peru 1799–1804, w stop at Tenerife, Canary Islands 1799;
 explored in US 1804 & in Siberia & Central Asia; pub findings from 1816–25; elected foreign honorary member
 of Royal Swedish Academy of Sciences 1810 & of Amer Academy of Arts & Sciences 1822;
 part of **H.B.K.** designation team;

species nah:

(Mamm) **humboldtii** (Hidalgo) (desc by CG Ehrenberg 1840 & disc by CA Ehrenberg 1840;

disc species:

(Cactus) **bleo** [w AJA Bonpland] (Colombia, Panama) 1805 (desc by CS Kunth 1823) —> **Pereskia bleo**
 by AP de Candolle 1828,

(Cactus) **phyllanthoides** [w AJA Bonpland] (Puebla, Veracruz) 1801 (desc by AP de Candolle 1813)
 —> **Disocactus phyllanthoides** by WA Barthlott 1991,
 (Pereskia) **horrida** [w AJE Bonpland] (Peru) 1802 (desc by AP de Candolle 1828).



† **Hummel**, Emerald [Edward, **Ed**] Charles (18 Jul 1903–29 Nov 1979); {Hummel};
 US nurseryman, horticulturist & succ hybridizer in Carlsbad, Calif; owner of nursery
Hummel's Exotic Gardens 1935–78; worked for city of Los Angeles, Calif ≈1940; developed a great
 variety of Euphorbia milii hybrids; wrote journal articles; CSSA Fellow award 1969;
 spouse Minnie Belle [née Byrne] Hummel (1904–1993);

Book [1943] *Hummel's Victory Picture Book of C&S* Inglewood, Calif; Eng; 40p w 270 photos.

† **Hummelinck**, (Dr) Pieter **Wagenaar** (13 Jan 1907–24 Mar 2003); {Hummelinck}; Dutch
 biologist; PhD at Utrecht Univ 1940 & prof of biology 1940-72; primary interest was fauna of Dutch Antilles;
 collected in Caribbean 1930, 1946, 1949 & 1956;

Book [1936] *Notes on Agave in Aruba, Curacao, Bonaire & Some Parts of S Amer*; Eng; 27p.

[1938] *Notes on Agave in the Netherlands West Indies & North Venezuela*; Eng; 14p,

[1938] *Notes on the Cactaceae of Curacao; Aruba; Bonaire & North Venezuela*; Eng; 26p;

desc species:

(Agave) **arubensis** (Aruba of Leeward Islands) 1936,

(Agave) **rutteniae** (Aruba of Leeward Islands) 1936 (na CJ Rutten-Pekelharing).



† **Humphrey**, (Prof) (Dr) **Robert** Regester (14 Jun 1904–13 Mar 2002); US ecologist & botanist known as "Boojum Bob"; PhD on anatomy of cirio & ocotillo at Univ of Minnesota, Minneapolis/St Paul 1933; prof of biological sciences at Univ of Arizona, Phoenix, Arizona 1948–66; CSSA Fellow award 1987; researcher on Idria [*Fouquieria*] *columnaris*, the boojum tree; disc the largest boojum tree in

Baja Calif at 86' tall; spouse Roberta [née January] Humphrey;

Book [1974] *The Boojum & Its Home. Idria columnaris KELLOG & its Ecological Niche* Tucson, Arizona; Eng; 214p,

[1987] *90 Years & 535 Miles Vegetation Changes along the Mex Border*; Eng; 448p.

Humphreys, Anna;

Book [2002] *Saguaro: The Desert Giant* [w S Lowell]; Eng; 64p.



Hunt, (Dr) **David** Richard (25 Sep 1938–19 May 2019); {D.R.Hunt}; British musician, botanist, taxonomist & publisher; PhD in botany w thesis on *Tradescantieae* at Reading Univ 1983; worked at Royal Bot Gardens, Kew 1961–94; specialist in Cactaceae & Commelinaceae; made numerous changes to species of genus *Mamm*; IOS member 1965, reentry 1973, secretary 1985–94, 2007~ & honorary member 1994; editor of Curtis's Bot Magazine 1968–82; joint editor of CSSGB Journal

1976–82; pres of *Mamm* Soc 1978–85; joint editor [w NP Taylor] of BCSS yearbook *Bradleya* 1983–92; contributor to F Katterman's 1994 *Eriocyce* book; pub books on succ plants in Succ Plant Research series 1994~; explored in N, Central & S Amer, Zimbabwe & Mediterranean region; Fellow of Royal College of Organists; BCSS Fellow award 1983; CSSA Fellow award 1995; IOS honorary member 1994; Monaco Cactus d'Or award 2006; spouse Margaret [née Phillips] Hunt;

Book [1967] *The Genera of the Cactaceae* Kew; Eng; 41p; [1979 reprint; Eng; 49p],

[1968] *Cactaceae* part from *Flora of Tropical East Africa* London, Eng; Eng; 7p,

[1974] *Succ in Peril* Stammore, Eng; Eng; 32p,

[1975] *Register of Specialist Collectors of Succ & Allied Plants in the UK* [w GD Rowley] Richmond, Eng; Eng; 20p,

[1976] *Schumann und Buxbaum im Einklang. Schumanns system zur Klassifizierung der Gattung*

Mamm Frankfurt, Ger; Ger; 40p,

[1987] *A New Review of Mamm Names*; Eng; 128p,

[1989–99] *Mamm Postscripts* Surrey, Eng; Eng;

#1 [1989], #2 [1990], #3 [2991],

#4 [1992], #5 [1996], #6 [1997],

#7 [1998], #8 [1999];

24p each,

[1992] *CITES Checklist of Cactaceae Names* Kew, Eng; Eng; 190p; (rev 1999; 316p),

[1996–2003] *Cactaceae Consensus Initiatives*:

#1 [1996], #2,3,4 [1997],

#5 [1998], #6,7,8 [1999];

Cactaceae Systematics Initiatives:

#9,10 [2000], #11,12 [2001],

#13,14 [2002], #15,16 [2003];

16–24p each,

[2000] *Seed-diversity in the Cactaceae subfam. Cactoideae* [w WA Barthlott] Sherborne, Eng; Eng; 173p,

[2002] *Studies in the Opuntioideae (Cactaceae)* [w NP Taylor] Milborne Port, Eng; Eng; 255p w 77 color photos; (editors of);

[2004] *A Sulco Gallery* [w JWPilbeam] Somerset, UK; Eng; 64p,

[2006] *The New Cactus Lexicon* Milborne Port, Eng; Eng; (in 2 vols);

Vol 1; 373p; text by DR Hunt;

Vol 2; 526p w 2,504 color photos by GJ Charles;

desc genus:

Tunilla [w J Iliff] (Argentina, Bolivia, Peru, Chile) 2000;

desc species:

(Cleistocactus) **winteri** (Santa Cruz B) 1988 (disc by F Ritter 1958),

(Corryocactus) **chachapoyensis** (Peru) 1999 (disc by CM Ochoa 1959),

(Echinopsis) **yuquina** (Bolivia) 1991 (disc by F Ritter 1956),

(Haageocereus) **chilensis** (Chile) 2005 (disc by F Ritter 1953),

(Haageocereus) **chryseus** (Chile) 2002 (disc by F Ritter 1953),

(Mamm) **huitzilopochtli** (Oaxaca) 1979 (disc by AB Lau),

(Mamm) **laui** (Tamaulipas) 1979 (disc by AB Lau 1977 & nah),

(Mamm) **reppenhagenii** (Colima) 1977 (disc by Reppenhagen 1972 & nah) —> **Mamm albilanata** ssp

reppenhagenii by DR Hunt 1997,

(Mamm) **tonalensis** (Oaxaca) 1979 (disc by W Reppenhagen 1974),

(Parodia) **nothorauschi** (Uruguay) 1997,

(Pfeiffer) **brevispina** (Ecuador, Peru) 2002,

(Oreocereus) **pseudofossulatus** (Bolivia) 1991 (disc by F Ritter 1954),

(Selenicereus) **tricae** (Belize) 1989 (disc by him 1969) —> **Hylocereus tricae** by R Bauer 2003,

(Tradescantia) **hirta** (Coahuila, Nuevo Leon, San Luis Potosi) 1975;

transfer species:

"Bolivicereus samaipatanus" (M Cardenas 1951) —> **Cleistocactus samaipatanus** 1987,

"Borzicactus fieldianus" (NL Britton & JN Rose 1923) —> **Cleistocactus fieldianus** 1987,

"Browningia icaensis" (F Ritter 1981) —> **Browningia candelaris** ssp **icaensis** 2002,

"Cactus gabbii" (JM Coulter 1894) —> **Mamm brandegeei** var **gabbii** 1997,

"Cactus langsдорffii" (JGC Lehmann 1826) —> **Parodia langsдорffii** 1997,

"Cactus paniculatus" (C de Lamarck 1785) —> **Leptocereus paniculatus** 1991,

"Cactus setispinus" (JM Coulter 1894) —> **Mamm pondii** ssp **setispina** 1997.

"Cereus acanthurus" (FKJ Vaupel 1913) —> **Cleistocactus acanthurus** 1987,

"Cereus candicans" (JMF Salm-Dyck 1834) —> **Echinopsis candicans** 1987,

"Cereus hirschtianus" (KM Schumann 1897) —> **Peniocereus hirschtianus** 1991.

"Cereus militaris" (N Audot 1845) —> **Pachycereus militaris** 1987,

"Cereus plagiostoma" (FKJ Vaupel 1913) —> **Cleistocactus plagiostoma** 1997,

"Cereus schottii" (GT Engelmann 1856) —> **Pachycereus schottii** 1987,

"Cereus tetracanthus" (J Labouret 1855) —> **Harrisia tetracantha** 1987,

"Cochemiea maritime" (GE Lindsay 1937) —> **Mamm pondii** ssp **maritime** 1997,

"Cochiseia robbinsorum" (WH Earle 1976) —> **Escobaria robbinsorum** 1978,

"Copiapoa atacamensis" (H Middleditch 1980) —> **Copiapoa calderana** ssp **atacamensis** 2002,

"Copiapoa columna-alba" (F Ritter 1959) —> **Copiapoa cinerea** ssp **columna-alba** 2002,

- "Copiapoa tocopillana" (F Ritter 1980) → **Copiapoa humilis** ssp **tocopillana** 2002,
 "Copiapoa varispinata" (F Ritter 1980) → **Copiapoa humilis** ssp **varispinata** 2002,
 "Coryphantha minima" (RO Baird 1931) → **Escobaria minima** 1978,
 "Cryptocereus anthonyanus" (EJ Alexander 1950) → **Selenicereus anthonyanus** 1989,
 "Digitostigma caput-medusae" (CG Velazco & M Nevarez 2002) → **Astrophytum caput-medusae**
2003.
 "Echinocactus brevihamatus" (GT Engelmann 1856) → **Sclerocactus brevihamatus** 1991,
 "Echinocactus fidanus" (C Backeberg 1933) → **Rebutia fidana** 1987,
 "Echinocactus haematanthus" (CL Spegazzini 1905) → **Echinopsis haematantha** 1991,
 "Echinopsis hempeliana" (RLA Gurke 1906) → **Oreocereus hempelianus** 1987,
 "Epiphyllum opuntoides" (A Lofgren & PKH Dusen 1905) → **Schlumbergera opuntoides** 1969,
 "Erdisia sextoniana" (C Backeberg 1936) → **Cleistocactus sextonianus** 2002,
 "Eulychnia ritteri" (W Cullmann 1958) → **Eulychnia iquiquensis** ssp **ritteri** 2005,
 "Ferocactus covillei" (NL Britton & JN Rose 1922) → **Ferocactus emoryi** ssp **covillei** [w MA Dimmitt]
- 2005,
 "Hariota [Hatiora] boliviana" (NL Britton 1893) → **Pfeiffera boliviana** 2002,
 "Lemaireocereus humilis" (NL Britton & JN Rose 1920) → **Stenocereus humilis** 2002.
 "Lobivia caineana" (M Cardenas 1952) → **Echinopsis cainceana** 1991,
 "Lobivia hertrichiana" (C Backeberg 1933) → **Echinopsis hertrichiana** 1991,
 "Lobivia pampana" (NL Britton & JN Rose 1922) → **Echinopsis pampana** 1991,
 "Lobivia schieliana" (C Backeberg 1957) → **Echinopsis schieliana** 1987,
 "Lobivia tegeleriana" (C Backeberg 1936) → **Echinopsis tegeleriana** 1987,
 "Lobivia tiegeliana" (W Wessner 1939) → **Echinopsis tiegeliana** 1991,
 "Lophocereus gatesii" (HE Gates 1933) → **Pachycereus gatesii** 1991,
 "Mamm albescens" (PEL van Tieghem 1933) → **Mamm decipiens** ssp **albescens** 1997,
 "Mamm angelensis" (RT Craig 1945) → **Mamm dioica** ssp **angelensis** 1998,
 "Mamm apamensis" (W Reppenhagen 1987) → **Mamm wiesingeri** ssp **apamensis** 1997,
 "Mamm arida" (L Quehl 1913) → **Mamm petrophila** ssp **arida** 1998,
 "Mamm bambusiphila" (W Reppenhagen 1986) → **Mamm xaltiangensis** ssp **bambusiphila** 1997,
 "Mamm beiselii" (L Diers 1979) → **Mamm karwinskiana** ssp **beiselii** 1997,
 "Mamm bella" (C Backeberg 1941) → **Mamm nunezii** ssp **bella** 1997,
 "Mamm camptotricha" (E Dams 1906) → **Mamm decipiens** ssp **camptotricha** 1997;
 "Mamm centralifera" (W Reppenhagen 1987) → **Mamm compressa** ssp **centralifera** 1997,
 "Mamm chionocephala" (JA Purpus 1906) → **Mamm formosa** ssp **chionocephala** 1998,
 "Mamm dodsonii" (H Bravo-Hollis 1970) → **Mamm dehertiana** ssp **dodsonii** 1997,
 "Mamm dumetorum" (JA Purpus 1912) → **Mamm schiediana** ssp **dumetorum** 1997,
 "Mamm ernestii" (HW Fittkau 1971) → **Mamm backebergiana** ssp **ernestii** 1997.
 "Mamm estebanensis" (GE Lindsay 1967) → **Mamm dioica** ssp **estebanensis** 1998,
 "Mamm fera-rubra" (RT Craig 1945) → **Mamm rhodantha** ssp **fera-rubra** 1997,
 "Mamm glareosa" (F Boedeker 1933) → **Mamm brandegeei** ssp **glareosa** 1997,
 "Mamm goldii" (CE Glass & RA Foster 1968) → **Mamm saboae** ssp **goldii** 1997,
 "Mamm gracilis" (LKG Pfeiffer 1838) → **Mamm vetula** ssp **gracilis** 1997,
 "Mamm gummifera" (GT Engelmann 1848) → **Mammillaria heyderi** ssp **gummifera** 1997,
 "Mamm hemisphaerica" (GT Engelmann 1850) → **Mamm heyderi** ssp **hemisphaerica** 1997,
 "Mamm leucantha" (F Boedeker 1933) → **Mamm crinita** ssp **leucantha** 1997,
 "Mamm leucocentra" (A Berg 1840) → **Mamm geminispina** ssp **leucocentra** 1997,
 "Mamm louisae" (GE Lindsay 1960) → **Mamm hutchisoniana** ssp **louisae** 1997,

"Mamm macedougallii" (LH Bailey 1916) → **Mamm heyderi ssp macedougallii** 1997,
 "Mamm meiacantha" (GT Engelmann 1856) → **Mamm heyderi ssp meiacantha** 1997,
 "Mamm microthele" (F Muhlenpfordt 1848) → **Mamm formosa ssp microthele** 1997,
 "Mamm missouriensis" (R Sweet 1830) → **Escobaria missouriensis** 1978;
 "Mamm mollendorffiana" (EW Shurly 1948) → **Mamm rhodantha ssp mollendorffiana** 1997,
 "Mamm nejapensis" (RT Craig & EY Dawson 1948) → **Mamm karwinskiana ssp nejapensis** 1997,
 "Mamm obconella" (MJF Scheidweiler 1837) → **Mamm polythele ssp obconella** 1997,
 "Mamm perezdelarosae" (H Bravo-Hollis & L Scheinvar 1985) → **Mamm bombycina ssp perezdelarosae** 1997,
 "Mamm pilcayensis" (H Bravo-Hollis 1958) → **Mamm spinosissima ssp pilcayensis** 1997,
 "Mamm pseudocrucigera" (RT Craig 1945) → **Mamm formosa ssp pseudocrucigera** 1997,
 "Mamm rubrograndis" (W Reppenhagen & AB Lau 1979) → **Mamm melanocentra ssp rubrograndis** 1997,
 "Mamm solisioides" (C Backeberg 1951) → **Mamm pectinifera ssp solisioides** 2005,
 "Mamm tegelbergiana" (GE Lindsay 1966) → **Mamm albilanata ssp tegelbergiana** 1997,
 "Mamm tlalocii" (W Reppenhagen 1987) → **Mamm crucigera ssp tlalocii** 1997,
 "Mamm viperina" (JA Purpus 1912) → **Mamm sphacelata ssp viperina** 1997,
 "Mamm wilcoxii" (KM Schumann 1898) → **Mamm wrightii ssp wilcoxii** 1997,
 "Mamm wildii" (AG Dietrich 1836) → **Mamm crinita ssp wildii** by 1997;
 "Mamm yaquensis" (RT Craig 1945) → **Mamm thornberi ssp yaquensis** 1997,
 "Mamm zacatecasensis" (EW Shurly 1960) → **Mamm jaliscana ssp zacatecasensis** 1997,
 "Mila pugionifera" (WHH Rauh & C Backeberg 1957) → **Mila caespitosa ssp pugionifera** 2005,
 "Neoevansia lazaro-cardenasii" (JLR Contreras Jimenez, J Jimenez Ramirez, CA Toledo Manzur & H Sanchez-Mejorada 1980) → **Peniocereus lazaro-cardenasii** 1991,
 "Neomammillaria baxteriana" (HE Gates 1934) → **Mamm petrophila ssp baxteriana** 1998,
 "Neomammillaria collinsii" (NL Britton & JN Rose 1923) → **Mamm karwinskiana ssp collinsii** 1997,
 "Neomammillaria fraileana" (NL Britton & JN Rose 1923) → **Mamm albicans ssp fraileana** 1997,
 "Neomammillaria gaumeri" (NL Britton & JN Rose 1923) → **Mamm heyderi ssp gaumeri** 1997,
 "Neomammillaria sheldonii" (NL Britton & JN Rose 1923) → **Mamm grahamii ssp sheldonii** 2005,
 "Neomammillaria yucatanensis" (NL Britton & JN Rose 1923) → **Mamm Columbiana ssp yucatanensis** 1997,
 "Notocactus neoarchavaletae" (R Havlicek 1989) → **Parodia neoarchavaletae** 1997,
 "Notocactus tenuicylindricus" (F Ritter 1970) → **Parodia tenuicylindrica** 1997,
 "Nyctocereus guatemalensis" (NL Britton & JN Rose 1913) → **Peniocereus guatemalensis** 2006,
 "Nyctocereus oaxacensis" (NL Britton & JN Rose 1920) → **Peniocereus oaxacensis** 1991,
 "Opuntia corrugate" (JFM Salm-Dyck 1834) → **Tunilla corrugata** [w J Iliff] 2000,
 "Opuntia dactylifera" (FKJ Vaupel 1913) → **Cumulopuntia boliviana ssp dactylifera** 2002,
 "Opuntia erectoclada" (C Backeberg 1936) → **Tunilla erectoclada** [w J Iliff] 2000,
 "Opuntia exaltata" (A Berger 1912) → **Austrocylindropuntia subulata ssp exaltata** 2002,
 "Opuntia ignescens" (FKJ Vaupel 1913) → **Cumulopuntia boliviana ssp ignescens** 2002;
 "Opuntia microdisca" (FAC Weber 1898) → **Tunilla microdisca** [w J Iliff] 2000,
 "Opuntia soehrensii" (NL Britton & JN Rose 1919) → **Tunilla soehrensii** [w J Iliff] 2000;
 "Opuntia tilcarensis" (C Backeberg 1936) → **Tunilla tilcarensis** [w J Iliff] 2000,
 "Pilocereus fulviceps" (KM Schumann 1897) → **Pachycereus fulviceps** 1991,
 "Pilocereus mortensenii" (LCM Croizat 1950) → **Cereus mortensenii** (w NP Taylor] 1991,
 "Rebutia tiraquensis" (M Cardenas 1957) → **Rebutia steinbachii ssp tiraquensis** 1997,
 "Setcreasea pallida" (JN Rose 1911) → **Tradescantia pallida** 1975,

"*Sulcorebutia breviflora*" (C Backeberg 1966) —> ***Rebutia breviflora*** 2002;
 "Sulcorebutia cylindrical" (JD Donald & AB Lau 1974) —> ***Rebutia cylindrical*** 1987,
 "Sulcorebutia vasqueziana" (W Rausch 1970) —> ***Rebutia vasqueziana*** 2003;
 "Sulcorebutia verticillacantha" (F Ritter 1962) —> ***Rebutia steinbachii* ssp *verticillacantha*** 1997,
 "Tacitus bellus" (J Meyran & RV Moran 1974) —> ***Graptopetalum bellum*** 1979,
 "Tephrocactus echinaceus" (F Ritter 1964) —> ***Cumulopuntia boliviana* ssp *echinacea*** 2002,
 "Tradescantia micrantha" (J Torrey 1859) —> ***Callisia micrantha*** 1983,
 "Tradescantia navicularis" (Ortgies 1877) —> ***Callisia navicularis*** 1983,
 "Tradescantia warszewicziana" (CS Kunth & PC Bouche 1847) —> ***Callisia warszewicziana*** 1983,
 "Trichocereus clavatus" (F Ritter 1980) —> ***Echinopsis clavata*** 1997,
 "Trichocereus quadratumbonatus" (F Ritter 1980) —> ***Echinopsis quadratumbonata*** 1997,
 "Turbinicarpus booleanus" (GS & JC Hinton 1996) —> ***Turbinicarpus subterraneus* ssp *booleanus*** 2005,
 "Turbinicarpus jauernigii" (G Frank 1993) —> ***Turbinicarpus schmiedickeanus* ssp *jauernigii*** 2005,
 "Weingartia cintiensis" (M Cardenas 1958) —> ***Rebutia fidana* ssp *cintiensis*** 1997,
 "Weingartia lanata" (F Ritter 1961) —> ***Rebutia neocumingii* ssp *lanata*** 2003,
 "Weingartia neocumingii" (C Backeberg 1950) —> ***Rebutia neocumingii*** 1987,
 "Weingartia neumanniana" (E Werdermann 1937) —> ***Rebutia neumanniana*** 1987,
 "Weingartia oligacantha" (FH Brandt 1979) —> ***Rebutia oligacantha*** 1997,
 "Weingartia pulquinensis" (M Cardenas 1951) —> ***Rebutia neocumingii* ssp *pulquinensis*** 2003,
 "Weingartia purpurea" (JD Donald & AB Lau 1974) —> ***Rebutia mentosa* ssp *purpurea*** 1997;

desc subsp:

(*Cleistocactus winteri* ssp) ***colademono*** (Santa Cruz B) 2005 (disc by W Krahn 2000),
 (*Copiapoa hypogaea* ssp) ***tenuissima*** (Chile) 2002 —> ***Copiapoa humilis* ssp *tenuissima*** by DR Hunt 2003,
 (*Mamm albilanata* ssp) ***oaxacana*** (Oaxaca) 1997 (disc by W Reppenhagen 1980),
 (*Mamm rhodantha* ssp) ***mccartenii*** (Michoacan) 1997 (disc by W Reppenhagen 1973 & na N McCarten),
 (*Mamm spinosissima* ssp) ***tepoxtlana*** (Morales) 1997 (disc by W Reppenhagen 1973),
 (*Mamm winterae* ssp) ***aramberri*** (Nuevo Leon) 1997 (disc by W Reppenhagen 1981);

transfer subsp:

"*Copiapoa hypogaea* ssp *tenuissima*" (DR Hunt 2002) —> ***Copiapoa humilis* ssp *tenuissima*** 2003,
 "*Escobaria roseana* ssp *galeanensis*" (E Haugg 1995) —> ***Acharagma roseana* ssp *galeanensis*** 2002;

desc variety:

(*Mamm prolifera* var) ***arachnoidea*** (Tamaulipas) 1978 (disc by him 1973) —> ***Mamm pondii* ssp *maritime*** by DR Hunt 1997,

transfer variety:

"*Gymnocactus subterraneus* var *zaragosae*" (NL Britton & JN Rose 1978) —> ***Turbinicarpus beguinii* ssp *zaragosae*** 2005,
 "*Mamm pennispinosa* var *nazasensis*" (NL Britton & JN Rose 1975) —> ***Mamm pennispinosa* ssp *nazasensis*** 1997,
 "*Mamm rekoi* var *aureispina*" (AB Lau 1983) —> ***Mamm rekoi* ssp *aureispina*** 1997,
 "*Mamm rekoi* var *leptacantha*" (AB Lau 1983) —> ***Mamm rekoi* ssp *leptacantha*** 1997;

desc forma:

(*Mamm laui* fa) ***dasyacantha*** (Tamaulipas) 1979 (disc by AB Lau 1977) —> ***Mamm laui* ssp *dasyacantha*** by DR Hunt 1997,
 (*Mamm laui* fa) ***subducta*** (Tamaulipas) 1979 (disc by AB Lau) —> ***Mamm laui* ssp *subducta*** by DR Hunt 1997.

Hunt, Doris;

Book [1983] *The Duchess of Beaufort's Flowers* (forward by Duke of Beaufort) [w G Cotteloe] Devon, Eng; Eng; 64p w 32 color plates by E Kychicus & Daniel Frankcom (includes *Stapelia variegata*, *Opuntia humifusa*, *Sedum sedoides*, *Aloe arborescens*, & *Mamm. mammillaris*).

Hunter, John (c1978–); Australian ecologist & botanist at New S Wales Natl Parks & Wildlife Service;
species nah:

(*Peperomia*) **hunteriana** (Queensland) (desc & nah by PI Forster 1999 & disc by LJ Brass 1932).

†**Hunter**, WD (–13 Oct 1925); US; dir of s field crop insect investigations for USDA—bureau of Entomology;

Book [1912] *The Principal Cactus Insects of the US* (w FC Pratt & JD Mitchell) DC; Eng; 71p.

Huntington Bot Garden; US; IOS member 1989;

Book [1986] *1987 Engagement Book* Corte Madera, Calif; Eng; 50 full-page color photos by JN Trager & Robert Schlosser at Huntington Bot Garden,

[1995] *Dry Climate Gardening w Succ* NYC; Eng; 224p.



Huntley, Brian J;

Book [1994] *Botanical Diversity in Southern Africa* Claremont, RSA; 412p,

[2012] *Kirstenbosch: The Most Beautiful Garden in Africa* Cape Town, RSA; 240p (primary photographer Adam Harrower).

†**Hunziker**, Armando Theodor [Teodoro] (29 Aug 1919–12 Dec 2001); {Hunz.}; Argentinian botanist & paleobotanist; prof at Instituto Multidisciplinario de Biología Vegetal at Universidad Nacional de Córdoba, Argentina; dir of bot museum at Natl Univ of Córdoba; IOS member 1976;

desc species:

(*Trianthema*) **argentina** [w AE Cocucci] (Argentina) 1959.

†**Hurling**, (Mr) J (fl. 1928–1933); RSA dairy farmer; nurseryman (w CB Neil) at Highlands Rockeries Nursery, Western Cape, Bonnie Vale, RSA;

species nah:

(*Haworthia*) **hurlingii** (Western Cape) (desc & nah by JKL von Poellnitz 1937) —> **Haworthia reticulata** var **hurlingii** by MB Bayer 1982,

(*Mesemb*) **hurlingii** (Western Cape) (desc & nah by HML Bolus 1934) —> **Lampranthus hurlingii** by HML Bolus 1939.

†**Hurter**, Don G (fl. 1915); Quezaltenango, Guatemala; photographed agaves for WA Trelease;

species nah:

(*Agave*) **hurteri** (Guatemala) (desc & nah by WA Trelease 1915).

Husak, [Husák,] Stepan [Štěpán, Stephen]; Czech Rep;

Book [1987] *Sukulentní Rostliny* = “Succ Plants” [w J Gloser] Prague, Czech Rep; Czech; 118p.

Hussey, Nancy; US hobbyist in Meadview, Arizona;

desc species:

(Opuntia) **diploursina** [w AD Stock & MC Beckstrom] (Arizona) 2014 (disc by AD Stock & N Hussey 2012).



† **Hutchins**, (Dr) Charles Robert [Bob] (26 May 1928–26 Dec 2008); US teacher in west Texas & in Albuquerque, New Mexico; photographer & ethnobotanist; PhD in education at Univ of New Mexico 1979; spouse Imogene [Gene] [née Schrank] Hutchins;
Book [1980] *A Flora of New Mex* [w WC Martin] Ger; 1,276p; Vol 1 of 2 Vols; (includes succ).



† **Hutchinson**, (Dr hc) John (7 Apr 1884–2 Sep 1972); {Hutch.}; British botanist, taxonomist, artist & author; gardener & keeper at Kew herbarium, turning into a macro-systematist 1904–48; awarded honorary LLD at Univ of St. Andrews, Scotland 1934; explored in RSA part time w NS Pillans, RA Dyer, IB Pole-Evans & IC Verdoorn 1928–30 & in Cameroon 1937; FLS 1918 & Gold Medal 1968; awarded VMH 1944 & Veitch Memorial Medal 1945; FRS 1947; Linnean Medal 1965;
Book [1926–34] *The Families of Flowering Plants – arranged according to a new system based on their probable phylogeny* Oxford, Eng; Eng; (in 2 Parts);

[1926] Part 1; 328p; on dicotyledons;

[1934] Part 2; on monocotyledons,

[1946] *A Botanist in Southern Africa* London, Eng; Eng; 686p; (about his 2 trips to RSA),

[1954–72] (second edition) *Flora of West Tropical Africa* [w JM Dalziel] Kew, Eng; Eng; (in 3 Vols + supplement on ferns & fern allies 1959 w 89p);

[1954] Vol 1, Part 1; 295p;

[1958] Vol 1, Part 2; 533p;

[1963] Vol 2; 544p;

[1968] Vol 3, Part 1; 276p;

[1972] Vol 3, Part 2; 298p;

(first edition [1927–36] in 2 Vols;

[1927] Vol 1, Part 1; 246p;

[1928] Vol 1, Part 2; 277p;

[1931] Vol 2, Part 1; 292p;

[1936] Vol 2, Part 2; 359p),

[1964–67] *The Genera of Flowering Plants – based principally on Genera Plantarum of G Bentham & JD Hooker* Oxford; in 2 Vols;

[1964] Vol 1;

[1967] Vol 2; (contains 'The Genera of Cactaceae' by DR Hunt;

41p),

[1967] *Key to the Families of Flowering Plants of the World* Oxford; 117p; (supplement to 1959 2nd edition of *The Genera of Flowering Plants*);

desc genus:

Neosalsomitra (India to Polynesia, Australia) 1942;

species nah:

(Argyroderma) **hutchinsonii** (Cape) (desc & nah by HML Bolus 1929),

(Cheiridopsis) **hutchinsonii** (Cape) (desc & nah by HML Bolus 1929);

desc species:

(Ceropegia) **deightonii** [w JM Dalziel] (Equatorial Guinea, Ivory Coast, Liberia, Nigeria, Sierra Leone, Central African Rep, Ghana) 1931 (na FC Deighton),

(Crassula) **ausensis** (Namibia) 1952,

(Crassula) **comptonii** [w NS Pillans] (Northern Cape) 1946 (na RH Compton) —> **Crassula namaquensis** ssp **comptonii** by HR Tolken 1975,
 (Othonna) **euphorbioides** (Northern Cape) 1917,
 (Othonna) **pachypoda** (Western Cape) 1914,
 (Othonna) **papaveroides** (Western Cape) 1911,
 (Senecio) **medley-woodii** (Natal) 1923 (disc by J Medley Wood c1890 & nah);
transfer species:
 "Fagara alata" (CF Ecklon & CLP Zeyher 1835) —> **Erythrophysa alata** 1932.

Hutchison, Frances;

Book [1976] C&S Sydney, Australia; Eng; 80p w photos by Robert Hartman & drawings by Karen Jeffery.

† **Hutchison**, Louisa (fl. 1930s); mother of T Hutchison; explored (w son & others) Baja Calif in 1930s;

disc species:

(Mamm) **louisae** (Baja Calif) 1934 (desc & nah by GE Lindsay 1960) —> **Mamm hutchisoniana** ssp **louisae** by DR Hunt 1997.



† **Hutchison**, Paul Clifford (3 Jan 1924–6 Sep 1997); {Hutchison}; US musician, botanist, horticulturist & nurseryman; BA degree in botany at Univ of Calif 1949; co-editor w JW Dodson of *Haworthia Review* 1946–48; botanist at Univ of Calif bot garden, Berkeley, Calif 1949–66; owner of nursery *Tropic World*, Escondido, Calif 1967~; explored in S Amer, especially Chile & Peru, & in Mex, Puerto Rico, Central Amer & Brazil; IOS member 1953; CSSA Fellow award 1967;

Book [1998] *Haworthia Review 1946–1948 (1–2–3)* [w JW Dodson] editors; Eng; 97p; (H Mays, publisher);

disc species:

(Borzacactus) **hutchisonii** (Peru) 1964 (desc & nah by GJ Charles 2010),
 (Borzacactus) **krahnii** [w W Krahn] (Amazonas A) 1964 (desc by JD Donald 1979 & na W Krahn)
 —> **Matucana krahnii** by R Bregman 1986,
 (Borzacactus) **madisoniorum** (Amazonas A) 1957 (desc by him 1963 & na MP & Elena Madison)
 —> **Matucana madisoniorum** by GD Rowley 1973,
 (Cleistocactus) **longiserpens** (Peru) 1957 (desc by BE Leuenberger 2002) —> **Borzacactus longiserpens** by GJ Charles 2010,
 (Echeveria) **utcubambensis** [w J Wright] (Amazonas A) 1964 (desc by MW Kimnach 2002),
 (Peperomia) **callana** (Peru) 1964 (desc by G Pino 2012),
 (Peperomia) **columnaris** (Amazonas A) 1964 (desc by G Pino & O Klopfenstein 2005),
 (Peperomia) **erosa** [w JK Wright] (Peru) 1964 (desc by G Pino 2012),
 (Peperomia) **hutchisonii** (Cajamarca) (desc & nah by TG Yuncker 1961),
 (Peperomia) **mathieui** [w JK Wright] (Peru) 1964 (desc by G Pino & M-S Samain 2012 & na G Mathieu),
 (Peperomia) **strawii** (Peru) 1964 (desc by G Pino & O Klopfenstein 2004 & na RM Straw);
 (Villadia) **klopfensteinii** (Peru) 1964 (desc by G Pino & N Cieza 2009 & na O Klopfenstein);

desc species:

(Adromischus) **bicolor** (Eastern Cape) 1957,
 (Adromischus) **hallii** (Namibia, Northern Cape) 1956 (disc by H Hall 1953 & nah) —> **Adromischus marianiae** var **hallii** by HR Tolken 1978,
 (Adromischus) **liebenbergii** (Eastern Cape) 1959 (disc by LCC Liebenberg 1956 & nah),
 (Adromischus) **maximus** (Western Cape) 1959 (disc by H Hall 1953),

(Cotyledon) **striata** (Northern Cape, Western Cape) 1964 (disc by RJ Rodin 1947/48) —> **Tylecodon striatus** by HR Tolken 1978,
 (Crassula) **ausensis** (Namibia) 1952,
 (Jatropha) **setifera** (Zimbabwe, Limpopo) 1946 —> **Jatropha schlechteri** ssp **setifera** by A Radcliffe-Smith 1991,
 (Lobivia) **westii** (Peru) 1954 (na J West) —> **Echinopsis maximiliana** ssp **westii** by M Lowry 2003.
 (Neoporteria) **taltalensis** (Antofagasta) 1955 —> **Eriosyce taltalensis** by F Kattermann 1994,
 (Peperomia) **asperula** [w WHH Rauh] (Peru) 1975,
 (Peperomia) **columella** [w WHH Rauh] (Peru) 1973 (disc by PC Hutchison 1963),
 (Peperomia) **trollii** [w WHH Rauh] (Peru) 1978 (na W Troll),
 (Sedum) **commixtum** [w RV Moran] (Oaxaca) 1980 (disc by TB MacDougall 1957),
 (Werckleocereus) **imitans** [w MW Kimnach] (Costa Rica) 1956 (disc by CH Lankester c1940)
 —> **Weberocereus imitans** by F Buxbaum 1978;

transfer species:

“Cereus squarrosus” (JKJ Vaupel 1913) —> **Corryocactus squarrosus** 1963,
 “Echinocactus humilis” (RA Philippi 1860) —> **Copiapoa humilis** 1953,
 “Gymnanthocereus pilleifer” (F Ritter 1967) —> **Browningia pilleifera** 1968,
 “Pseudorhipsalis macrantha” (EJ Alexander 1942) —> **Disocactus macranthus** [w MW Kimnach] 1957;

subsp nah:

(Lewisia kelloggii ssp) **hutchisonii** (Calif) (desc & nah by LT Dempster 1996);

disc variety:

(Peperomia cymbifolia var) **goodspeedii** (Cajamarca) 1964 (desc by G Pina & N Cieza 2005 & na TH Goodspeed),
 (Peperomia dolabriformis var) **grandis** (Amazonas A) 1964 (desc by G Pino & O Klopfenstein 2005).



† **Hutchison**, Theodore [Ted] (9 Feb 1904–6 Feb 1974); US nurseryman & grafting expert; Spanish degree at Univ of Calif, Los Angeles; owner of *Cactus Corral* nursery in Calico Ghost Town, Yermo, Calif; explored in Baja Calif w HE Gates 1930s & w GE Lindsay 1934; founding member & pres of Mohave Desert Cactus Club;

species nah:

(Neomammillaria) **hutchisoniana** (Baja Calif) (desc & nah by HE Gates 1934) —> **Mamm hutchisoniana** by C Backeberg & FM Knuth 1936.

† **Hutton**, [née Atherstone,] Caroline (14 Nov 1826–12 Mar 1908); RSA; collected w spouse in RSA; sent specimens to WH Harvey & DJ Hooker; spouse H Hutton;

disc species:

(Euphorbia) **huttoniae** (Eastern Cape) (desc & nah by NE Brown 1915) —> **Euphorbia inermis** var **huttoniae** by AC White, BL Sloane & RA Dyer 1941.

† **Hutton**, Henry (12 May 1825–21 Jan 1896); British military & civil servant; to RSA 1844; collected in RSA & Indonesia; spouse C Hutton;

species nah:

(Decaceras) **huttonii** (Eastern Cape) (desc & nah by WH Harvey 1863) —> **Brachystelma huttonii** by NE Brown 1908;

disc species:

(Mesemb) **vittatum** (Northern Cape, North-West) c1875 (desc by NE Brown 1876) —> **Nananthus vittatus** by MHG Schwantes 1928.

† **Huxley**, Anthony Julian (2 Dec 1920–26 Dec 1992); {Huxley}; British horticultural journalist 1949~, photographer & botanist; MA in Eng literature at Cambridge Univ, Eng; editor of two British magazines, 'Amateur Gardening' & 'Gardening Illustrated';
Book [1953–60] C&S London, Eng; Eng; Amateur Gardening Handbooks

#3 1953; 92p;

#2 1955; 92p;

#4 1960; 60p;

#11 1960; 60p,

[1957] *Exotic Plants of the World* Garden City, NY; Eng; 95p,

[1972] *House Plants*, C&S London; Eng; 133p;

desc species:

(Adromischus) **blosiana** 1957 (na artist May Blos).

Huxley-Lambrick, [née Huxley,] Camilla Rose (1952–); {C.R.Huxley}; British botanist; specialist in ant plants;

desc genus:

Anthorrhiza [w MHP Jebb] (Papua New Guinea) 1990;

desc species:

(Anthorrhiza) **areolata** [w MHP Jebb] (Papua New Guinea) 1991,

(Anthorrhiza) **bracteosa** [w MHP Jebb] (Papua New Guinea) 1991,

(Anthorrhiza) **caerulea** [w MHP Jebb] (Papua New Guinea) 1991,

(Anthorrhiza) **chrysacantha** [w MHP Jebb] (Papua New Guinea) 1991,

(Anthorrhiza) **echinella** [w MHP Jebb] (Papua New Guinea) 1990,

(Anthorrhiza) **mitis** [w MHP Jebb] (Papua New Guinea) 1991,

(Anthorrhiza) **recurvispina** [w MHP Jebb] (Papua New Guinea) 1991,

(Anthorrhiza) **stevensii** [w MHP Jebb] (Papua New Guinea) 1991 (na PF Stevens),

(Myrmecodia) **aureospina** [w MHP Jebb] (New Guinea) 1993,

(Myrmecodia) **ferox** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmecodia) **gracilispina** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmecodia) **horrida** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmecodia) **kutubuensis** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmecodia) **melanacantha** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmecodia) **oksapminensis** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmecodia) **paradoxa** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmecodia) **pteroaspida** [w MHP Jebb] (Papua New Guinea) 1993,

(Myrmephytum) **moniliforme** [w MHP Jebb] (Irian Jaya) 1991;

transfer species:

"Myrmecodia antoinii" (O Beccari 1884) —> **Myrmecodia platytyrea** ssp **antoinii** [w MHP Jebb] 1993,

"Myrmecodia arfakiana" (O Beccari 1884) —> **Myrmephytum arfakianum** [w MHP Jebb] 1991,

"Myrmecodia naumannii" (O Warburg 1894) —> **Myrmephytum naumannii** [w MHP Jebb] 1991.

† **Huyssteen**, (Dr) Dorothea Christina van (fl. 1937); {Huysst.}; mother AH Eksteen;

species nah:

(Lithops) **dorotheae** (Little Namaq) (desc & nah by GC Nel 1939 & disc by AH Eksteen 1935).

† **Hyams**, Edward Solomon (30 Sep 1910–25 Nov 1975); British writer, broadcaster, journalist, novelist, poet, translator, wine expert & gardener; gardening correspondent of Illustrated London News & The Spectator; spouse Hilda Mary [née Aylett] Hyams;

Book [1969] *Great Bot Gardens of the World* [w photography by Wm MacQuitty] London, Eng; 288p.

Hyde, Robert M; US; worked at Agricultural Extension Service, Univ of Wyoming, Laramie, Wyoming;

Book [1965] *Chemical & Mechanical Control of Plains Pricklypear in Northeastern Wyoming* [w AD Hulett & HP Alley] Laramie; Eng; 10p.

† **Hylander**, Clarence J;

Book [1939] *The World of Plant Life* NYC; Eng; 722p w 24p of cacti,

[1954] *The MacMillan Wild Flower Book* NYC; Eng; 480p w 232 color plates by Edith F Johnston.

I

Ibisch, (Prof) (Dr) Pierre Leonhard (1967–); Ger biologist, botanist, zoologist & physicist; PhD on epiphytes in rainforests of Bolivia at Bonn Univ 1996; prof at Eberswalde Univ of Sustainable Development 2004~; explored & worked in Bolivia;

disc sub sp

(*Rhipsalis baccifera* ssp) **cleistogama** [w M Kessler & WA Barthlott] (Bolivia) 2000 (disc by M Kessler 1997).

Idriss, Jamal; Sudan;

disc species:

(*Aloe*) **ithya** (Sudan) 2003 (desc by TA McCoy & LE Newton 2014).



Ihlenfeldt, (Prof) (Dr) Hans-Dieter (7 Jul 1932–); {Ihlenf.}; Ger botanist;

PhD on ontogenetic, morphological & taxonomic studies of Mesembryanthemaceae 1958; prof of botany at Institut für Allgemeine Botanik, Univ of Hamburg, Ger 1959~; interest in morphology & taxonomy of Mesembryanthemaceae & Pedaliaceae; researcher & collector in RSA; IOS member

1961 & pres 1995–98; Monaco Cactus d'Or award 1994; CSSA Fellow award 2007; writes journal articles;

Book [1960] *Entwicklungsgeschichtliche, Morphologische und Systematische Untersuchungen an Mesembryanthemen* Berlin, Ger; Ger 104p;

[1991] *Life Strategies of Succ in Deserts (w Special Reference to the Namib Desert)* [w BM Eller, MJA Werger, E Brinkmann & DJ von Willert] Cambridge, Eng; Eng; 360p;

genus nah:

Ihlenfeldtia (RSA) (desc & nah by HEK Hartmann 1992);

desc genus:

Pseudobrownanthus [w V Bittrich] 1985 (syn of *Brownanthus* SCHWANTES);

desc species:

(*Dicrocaulon*) **grandiflorum** (Western Cape) 1978,

(*Monilaria*) **obconica** [w S Jorgensen] (Northern Cape) 1973,

(*Pseudobrownanthus*) **nucifer** [w V Bittrich] (Namibia, Namaq) 1985 → **Brownanthus nucifer** by

SM Pierce & M Gerbault 1997,
(Uncarina) **decaryi** (Mada) 2001 (na R Decary);

transfer species:

"Conicosia alborosea" (HML Bolus) → **Conicosia pugioniformis** ssp **alborosea** [w M Gerbault] 1990,
"Conicosia muirii" (NE Brown) → **Conicosia pugioniformis** ssp **muirii** [w M Gerbault] 1990,
"Conophyllum globosum" (HML Bolus 1937) → **Meyerophytum globosum** 2001,
"Drosanthemum vaginatum" (HML Bolus 1929) → **Jacobsenia vaginata** 1997,
"Harpagophytum abbreviatum" (HE Baillon 1887) → **Uncarina abbreviata** [w H Straka] 1962,
"Harpagophytum grandidieri" (HE Baillon 1887) → **Uncarina grandidieri** [w H Straka] 1962,
"Harpagophytum leptocarpa" (J Decaisne 1865) → **Uncarina leptocarpa** [w H Straka] 1962,
"Mesemb arenosum" (H Schinz 1897) → **Brownanthus arenosus** [w V Bittrich] 1985,
"Mesemb harazianum" (A Deflers) → **Delosperma harazianum** [w H-H Poppendieck] 1978,
"Mesemb corallinum" (CP Thunberg 1791) → **Brownanthus corallinum** [w V Bittrich] 1985,
"Mesemb kuntzei" (H Schinz 1897) → **Brownanthus kuntzei** [w V Bittrich] 1985,
"Mesemb moniliforme" (CP Thunberg 1791) → **Monilaria moniliformis** [w S Jorgensen] 1973,
"Mesemb schenckii" (H Schinz 1897) → **Brownanthus ciliatus** ssp **schenckii** (w V Bittrich) 1985,
"Micropterum herrei" (MHG Schwantes 1950) → **Cleretum herrei** [w M Struck] 1987,
"Monilaria luckhoffii" (HML Bolus 1930) → **Diplosoma luckhoffii** 1988,
"Monilaria microstigma" (HML Bolus 1932) → **Dicrocaulon microstigma** 1978,
"Pherolobus maughanii" (NE Brown 1928) → **Dorotheanthus maughanii** [w M Struck] 1987,
"Schwantesia ramulosa" (HML Bolus 1928) → **Dicrocaulon ramulosum** 1978;

desc subsp:

(Dorotheanthus bellidiformis ssp) **hestermalensis** [w M Struck] (Namaq) 1987,
(Monilaria scutata ssp) **obovata** [w S Jorgensen] (Little Namaq) 1973.

Iijima, Kentaro (1969–); Japanese horticulturist;

Book [2002] *Healing by Cactus* Tokyo, Japan; Japanese; 96p w 145 color photos.



Iliff, James (4 Jan 1923–); {Iliff}; British music scholar & teacher ≈1989; interested in Subfamily Opuntioideae; IOS member 1976; spouse Mary Iliff;

Book [1973] *The Subgenus Tephrocactus, a Historical Survey w Notes on Cultivation* [w GG Leighton-Boyce] Essex, Eng; Eng; 106p;

desc genus:

Tunilla [w DR Hunt] (Argentina, Bolivia, Peru, Chile) 2000;

transfer species:

"Opuntia corrugata" (JFM Salm-Dyck 1834) → **Tunilla corrugata** [w DR Hunt] 2000,
"Opuntia erectoclada" (C Backeberg 1936) → **Tunilla erectoclada** [w DR Hunt] 2000,
"Opuntia microdisca" (FAC Weber 1898) → **Tunilla microdisca** [w DR Hunt] 2000,
"Opuntia soehrensii" (NL Britton & JN Rose 1919) → **Tunilla soehrensii** [w DR Hunt] 2000,
"Opuntia tilcarensis" (C Backeberg 1936) → **Tunilla tilcarensis** [w DR Hunt] 2000.

Iljaschenko, OV;

Book [2003] *Kaktusy (Ucinalnaja Enziklopedia = "Universal Encyclopaedia")* [w YN Belous & YP Syschak] Moscow, Russia; Russian; 344p w 1,033 color photos.

+ **Illich**, (Mr) ?;

species nah:

(Crassula) **illichiana** (Tanzania, Uganda, Malawi) (desc & nah by HGA Engler 1907) —> **Crassula globularioides** ssp **illichiana** by HR Tolken 1975.

Illmann, F;

Book [1985] *Verzeichnis der Literatur Über Kakteen und Andere Sukkulente in den Bibliotheken von Berlin (Hauptstadt der DDR)* [w G Gutte] Berlin, Ger; Ger; 18p.



† **Iltis**, Hugo (11 Apr 1882–22 Jun 1952); Czech Rep biologist & botanist; prof of biology, botany & genetics in Brünn, Czech Rep 1939; to US 1939; prof of biology at Univ of Virginia, Fredericksburg 1939~; spouse Anne Iltis;

disc species:

(Echeveria) **nebulare** [w G Castillo & G Cortes] (Veracruz, Oaxaca) 1951 (desc by RV Moran & MW Kimnach 2004).

† **Immelman**, (Mrs); Pipuetberg, RSA;

species nah:

(Mesemb) **immelmaniae** (Western Cape) (desc & nah by HML Bolus 1928) —> **Lampranthus immelmaniae** by NE Brown 1930;

disc species:

(Stapelia) **immelmaniae** (Western Cape) c1927 (desc & nah by NS Pillans 1928).



† **Imperato**, Ferrante (1550–1625); Italian apothecary & naturalist; had nature museum in his Gravina Palace, Naples;

species nah:

(Euphorbia splendens var) **imperatae** (Mada) (desc & nah by JD Leandri 1946) —> **Euphorbia milii** var **imperatae** by E Ursch & JD Leandri 1955.

Inglese, (Dr) P; Palermo, Italy; IOS member 1994;

Book [2002] *Proceedings of the Fourth International Congress on Cactus Pear and Cochineal* [w A Nefzaoui] Belgium; Eng; 356p.

Ingram, John Wm (1924–); {J.W.Ingram}; British botanist;

transfer species:

“Mesemb pruinoseum” (CP Thunberg 1791) —> **Delosperma pruinoseum** 1969.

Ingram, Stephen (1 Feb 1961–); US nature photographer & writer; MA in botany at Univ of Calif, Santa Barbara; herbarium manager at Selby Bot Gardens, Sarasota, Florida early 1990s; to Calif 1994; explored in Belize, Costa Rica & Ecuador; spouse Karen [née Ferrell] Ferrell-Ingram;

Book [2008] *Cacti, Agaves, and Yuccas of Calif & Nevada* Los Olivos, Calif; Eng; 244p w 258 color photos & 15 watercolor bot illustrations.

† **Ingwensen**, Walter Edward Theodore (1885–14 Feb 1960); Ger horticulturist & nurseryman; to Eng c1902; owner of *Six Hills Nursery* w Clarence Elliott at Stevenage, Herts, Eng 1919 & w Gavin Jones in a nursery at Letchworth, Herts: founded *Birch Farm Nursery* w Wm Robinson 1927~; specialized in alpine plants; collected plants in Balkans & Caucasus; VMH 1944;

Book [1941] *Sedum* East Grinstead, Eng; Eng; 52p,
[1941] *Sempervivum* East Grinstead, Eng; Eng; 52p.



† **Innes, Clive** Frederick (17 Jan 1909–7 Mar 1999); {Innes}; British insurance, accountant & hotelier, & then horticulturist, hybridizer & nurseryman in Ashington, Sussex, Eng; founded Hollygate Reference Collection cactus nursery in Ashington 1960–82; to Spain 1982; explored & collected in Mex, West Indies, RSA & Australia; wrote many journal articles; NCSS VP 1965–69 &

Fellow award 1971; IOS member 1969; editor of *Ashingtonia* 1971–77; FLS; VMH 1991;

CSSA Fellow award 1991; BCSS Life Member 1993; spouse Gwen Innes;

Book [1977] *The Complete Handbook of C&S* London, Eng; Eng; 224p w 40 color photos,

[1978] *Cacti (Wisley Handbook #31)* London; Eng; 48p; (rev 1987; 64p w 43 color photos),

[1979] *C&OS Plants* London; Eng; 104p w 16 color photos,

[1984] *Exotic Indoor Plants* [w Wm Davidson & Ray Bilton on other than succ plants] London; Eng;

159p (30p by CF Innes on succ),

[1987] *Succ (A Wisley Handbook)*, London; Eng; 63p w 54 color photos,

[1987] *The Complete Handbook of C&S* NY; Eng; 224p,

[1988] *The Handbook of C&S* Secaucus, New Jersey; Eng; 176p w 291 color photos,

[1988] *C&S* London; Eng; 96p w 28 color photos,

[1991] *Cacti* [w CE Glass] London; Eng; 320p w 1,342 color photos; (reprint 2001 as *The Illustrated Enc of Cacti*),

[1995] *Cacti, Succ & Bromeliads* [w Bill Wall] London; Eng; 192p w 142 color photos.

International Euphorbia Soc;

Book [1935–37] *Euphorbia* Los Angeles, Calif; (in 3 Vols).

Irani, Nariman A;

Book [1962] *The Asclepiadaceae and Periplocaceae of Bombay* [w HN Santapau] Bombay, India; 118p.



Irish, Gary Joe (1953–); US plant geographer & photographer in Arizona;

MS in plant geography at Texas A&M Univ, College Station, Texas; works for

State of Arizona Land Dept; grower & collector of Yuccas & Agaves; spouse MF Irish;

Book [2000] *Agaves, Yuccas and Related Plants* [w MF Irish] Portland, Oregon; Eng; 312p w 100 color photos.



Irish, Mary Florence (1949–); US horticulturist, garden writer, lecturer, educator in Arizona;

MS in geography at Texas A&M Univ, College Station, Texas; dir of public horticulture at

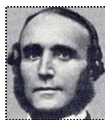
Desert Bot Garden, Phoenix, Arizona; spouse GJ Irish;

Book [2000] *Agaves, Yuccas and Related Plants – A Gardener's Guide* [w GJ Irish] Portland, Oregon; Eng; 312p w 100 color photos,

[2000] *Gardening in the Desert* Tucson, Arizona; Eng; 168p;

[2003] *Arizona Gardener's Guide* Franklin, Tennessee; Eng; 271p;

[2007] *Month-By-Month Gardening In The Deserts Of Arizona* Minneapolis, Minnesota; Eng; 303p.



† **Irmisch, Johann Friedrich Thilo** (14 Jan 1816–28 Apr 1879); Ger botanist; high school teacher in Sonderhausen 1844~; interested in plant morphology;

Book [1854–63] *Britrage zur Vergleichenden Morphologie der Pflanzen* = "Contributions for the Comparative Morphology of the Plants"; Ger; 24p; (includes Agave & Dyckia).

† **Irmscher**, Edgar (17 Aug 1887–3 May 1968); {Irmsch.}; Ger botanist, pteridologist & bryologist; studied plant physiology w HGA Engler in Berlin 1912–19; curator & prof of botany at Univ of Hamburg, Ger 1919–42; emeritus prof at Hohenheim agricultural college 1942~; specialist on Begonia;

desc species:

(Trianthema) **ceratosepala** [w GLA Volkens] (Kenya, Tanzania) 1913,
(Trianthema) **sanguinea** [w GLA Volkens] (Kenya, Tanzania) 1912.



† **Irwin**, (Prof) (Dr) Howard Samuel (1928–1997); {H.S.Irwin}; US taxonomic botanist; PhD in taxonomic botany at Univ of Texas 1960; prof of botany & zoology at Queen's College, British Guyana 1952–56; research associate, curator & dir at NY Bot Garden 1960~ & pres 1973–79; collected in Venezuela & British Guyana 1950s & on 8 expeditions to Brazil & Guyanas 1960–72;

species nah:

(Portulaca) **irwinii** (Brazil) (desc & nah by CMD Legrand 1970).

† **Ishida**, Bunzaburo (fl. 1921); Japanese Colleg Botanic Garden;

species nah:

(Sedum) **ishidae** (Japan, Russian far east) (desc & nah by K Miyabe & Y Kudo 1921) —> **Rhodiola ishidae** by H Hara 1937.

Ishikawa, Taro;

Book [1968] *Cactus Scientific Names (Japanese Name Dictionary)*; Japanese; 264p.

Islas-Luna, [Islas,] Maria de Los Angeles; at Jardín Botánico, Instituto de Biología, UNAM;

desc species:

(Sedum) **brachetii** [w J Reyes-Santiago & O Gonzalez-Zorzano] (Guerrero) 2012 (disc by J Reyes-Santiago, C Brachet & M de LA Isla-Luna 2011 & na C Brachet).

† **Isnard**, Antoine-Tristan **Danty** d' (12 May 1663–15 May 1743); {Isnard}; French botanist at Jardin du Roi, Paris, France; first to established genus name *Euphorbia* w 12 highly succ species;

Book [1722] *Mémoires de l' Académie Royale des Sciences, Etablissement d'un Genre de Plante appelé Euphorbe...*; 15p (first monograph of any genus of succ, w plates of *Euphorbia officinarum* & *E. tridentata*).

† **Ito**, Ihe (1676–1757); Japanese horticulturist;

Book [1710] *Zoho Jikinsho [Zoho Chikinsho]* Japan; Japanese; in 8 Vols w woodcut illustrations; (first Japanese book to produce illustration of an Opuntia).

† **Ito**, Yoshio (1907–); {Y.Ito}; Japanese botanist at Tokyo bot gardens;

Book [1952] *Cacti*; Japanese; 179p,

[1954] *Cacti - Cultivation & Information* Tokyo, Japan; Japanese; 468p,

[1955] *World History of Cacti*; Japanese; 216p,

[1957] *Explanatory Diagram of Austro-Echinocactinae* Tokyo; Japanese; 318p,

[1958] *Saboten Kidan (Cactaceae)*; 170p,

[1961] *Cacti for the Millions* Tokyo; 158p,

[1962] *Gardening of Cacti* Tokyo; Japanese; 297p,

[1962] *The Full Bloom of Cactus Flowers* Osaka, Japan; Japanese; 127p,

[1963] *Cactus Culture*; 222p,

[1963] *Flowers Cacti* Tokyo; Japanese; 196p,
 [1963] *Wonderful Cacti (Shinpina Saboten)*; Japanese; 331p,
 [1963] *Cultivation of Cacti* Yokyo; Japanese; 430p; (rev 1978; 352p),
 [1964] *Cactus Necessary* 198p,
 [1964] *Handbook of Cacti (Saboten Saibae Hikkei)*; Japanese; 310p,
 [1965] *Charming of Flowers - Cacti*; Japanese,
 [1966] *Hybridization of Flowers - Cacti*; 552p w 96 color photos; (mostly Echinopsis),
 [1966] *The Essential Points of Cactus Growing*; 186p,
 [1967] *Illustration of Flower-Cacti* Tokyo; Japanese; 191p + 16 plates of colored photos & 12 plates of black & white photos,
 [1967] *The Full Bloom of Cactus Flowers* Osaka; 154p,
 [1971] *Cacti - Illustrated in Color*; Japanese; 464p,
 [1975] *The Flowering Cacti* Tokyo; Japanese; 295p,
 [1979] *Cacti (Identification & Cultivation of Cacti* Tokyo; 261p,
 [1980] *The Charming of Flowers-Cacti*; 278p,
 [1981] *The Cactaceae, Classification, & Illustration of Cacti* Yoshio Ito, Japan; Japanese; 750p,
 [1988] *The Great Lexicon of Cactaceae* Ube City, Japan; Japanese; 743p,
 [1995] *Conophytum Handbook* [w H Hirao] Japan; Japanese; 128p;

desc genus:

Thelocephala 1957 (syn of Eriosyce PHILLIP);

desc species:

(Gymnocalycium) **marsoneri** (Argentina) 1957 (disc by AV Fric 1934 & na O Marsoner),

(Gymnocalycium) **megatae** (Paraguay) 1957 (disc by AM Friedrich c1934) —> **Gymnocalycium**

marsoneri ssp **megatae** by GJ Charles 2009;

transfer species:

"Echinocactus calochlorus" (F Boedeker 1932) —> **Gymnocalycium calochlorum** 1952.

Juba II, — See Juba II.

Ivanov, SV;

Book [1997] *Kaktusy* [w PT Davidov] Moscow, Russia; Russian; 192p w 220 color photos.

Ivimey-Cook, (Dr) Robert Brian (1932–); Eng botanist at Univ of Exeter, UK; IOS member 1974; BCSS Fellow 1983;

Book [1974] *Succ, A Glossary of Terms & Descriptions* Oxford, Eng; Eng; 90p,

[1978] *An Intro to C&OS Plants* Oxford; Eng; 62p; (rev 1984 w 78p).

J



Jaarsveld, (Dr) Ernst Jacobus van (19 Feb 1953–); {van Jaarsv.}; RSA horticulturist, ecologist, systematist, photographer & illustrator in Cape Town; MSc w thesis on Gasteria at Univ of Natal 1990; PhD w thesis on Cremonophilous succ of s Africa (cliff dwellers) at Univ of Pretoria Apr 2012; employed at S African Natl Bio-diversity Institute 1974~; curator of

Bot Soc Conservatory at Kirstenbosch Natl Bot Garden, RSA 1976~ (succeeding W Wisura); explored & collected in RSA; disc & desc new taxa; prolific writer; IOS member 1984; CSSA Fellow award 1996 & CSSA MKLA award 2023; daughter Z van Jaarsveld;

Book [1987] *Succ Riches of S Africa & Namibia*; Eng; 48p,
 [1992] *The Genus Gasteria (a Synoptic Review)* Pretoria; 30p w 5 color plates of 22 color photos,
 [1994] *Gasterias of S Africa: A New Revision of a Major Succ Group* Portland, Oregon; Eng;
 96p w 22 color plates of 41 color photos; (based on his MSc thesis),
 [1997] *List of Southern African Succ Plants* [w GF Smith, TH Arnold, FE Steffens, RD Dixon, JA Retief]
 Pretoria; Eng; 175p; (editors of),
 [1998] *Mesemb of the World —Illustrated Guide to a Remarkable Succ Group* [w GF Smith,
 P Chesselet, HEK Hartmann, SA Hammer, B van Wyk, P Burgoyne, C Klak & H Kurzwell] Pretoria, RSA; Eng;
 405p,
 [2000] *Succ of S Africa (a guide to the regional diversity)* [w B-E van Wyk & GF Smith] Cape Town, Eng;
 144p w 20 color graphics from paintings by Elize Bodley & 155 color photos,
 [2000] *Vygies, Gems of the Veld* [w U de V Pienaar] Bologna, Italy; Italian/Eng; 240p w 799 color
 photos,
 [2004] *Aizoaceae* [w U de Villiers Pienaar] Stuttgart, Ger; Ger/French; 240p w color photos each p,
 [2005] *Cotyledon & Tylecodon* [w DL Koutnik] Hatfield, RSA; Eng; 156p w over 130 color photos &
 79 watercolor paintings; (w illustrations by E Bodley & Lisa Stracham),
 [2006] *The Southern African Plectranthus & the art of turning shade to glade* Simon's Town, RSA; Eng;
 176p w 60 graphic color plates & 70 color photos;

species nah:

(Plectranthus) **ernstii** (Eastern Cape, Natal) (desc & nah by LEW Codd 1982);

disc species:

(Anacampseros) **scopata** (Northern Cape) 1990(desc by G Williamson 1994);

(Conophytum) **ernstii** (Richtersveld) 1986 (desc & nah by SA Hammer 1988),

(Cotyledon) **eliseae** (Western Cape) (desc by EJ van Jaarsveld 1997 & na Elise Bodley);

desc species:

(Albuca) **cremnophila** [w AE van Wyk] (Eastern Cape) 2000,

(Aloe) **challisii** [w AE van Wyk] (Mpumalanga) 2006 (disc by EJ van Jaarsveld & C Challis & na C Challis),

(Aloe) **condyae** [w P Nel] (Mpumalanga) 2012 (na GS Condy),

(Aloe) **dabenorisana** (Northern Cape) 1982 (disc by AR Mitchell),

(Aloe) **juddii** (Western Cape) 2008 (disc by M Groos 2007 & na EG Judd),

(Aloe) **kannelii** (Western Cape) 2009 (disc by him, MW Kamstra & P Nel & na MW Kamstra & P Nel),

(Aloe) **komaggasensis** [w K Kritzinger] (Northern Cape) 1985 → **Aloe strata** ssp **komaggasensis** by
 HF Glen & DS Hardy 1987,

(Aloe) **meyeri** (Namibia, Northern Cape) 1981 (disc by LG Meyer 1939 & nah),

(Aloe) **mocamedensis** (Angola) 2012 (disc by him 2009),

(Aloe) **omavandae** (Namibia) 2004 (disc by him),

(Argyroderma) **theartii** (Western Cape) 1997 (na J Theart),

(Bowiea) **gariensis** (Northern Cape, Namibia) 1983 (disc by PT Range 1909),

(Bulbine) **alba** (Western Cape) 2001(disc by RH Compton 1929),

(Bulbine) **cremnophila** (Eastern Cape) 2000,

(Bulbine) **dewetii** (Western Cape) 2017 (disc by EJ van Jaarsveld 2014 & na C DeWet),

(Bulbine) **meiringii** (Western Cape) 2001,

(Bulbine) **ramosa** (Western Cape) 2001,

(Bulbine) **striata** [w H Baijnath] (Northern Cape) 1987,

(Cotyledon) **eliseae** (Western Cape) 1997 (disc by PV Bruyns & na Elise Bodley),

(Crassula) **anso-lerouxiae** (Western Cape) 2018 (disc by him 2006 & na A le Roux),

(Crassula) **badspoortensis** (Western Cape) 2001,

(Crassula) **cremnophila** [w AE van Wyk] (Eastern Cape) 2000,
 (Crassula) **fragarioides** [w N Helme] (Western Cape) 2011 (disc by N Helme 2005),
 (Cyrtanthus) **flammosus** [w DA Snijman] (Eastern Cape) 1995,
 (Esterhuysenia) **grahambeckii** (Western Cape) 2011 (disc by him 2010 & na Graham Beck),
 (Gasteria) **ellaphieae** (Eastern Cape) 1991 (disc by him 1989 & na J Ellaphie Ward-Hilhorst),
 (Gasteria) **glauca** (Eastern Cape) 1998 (disc by R & Y Welsch 1995),
 (Gasteria) **glomerata** (Eastern Cape) 1991 (disc by him 1991),
 (Gasteria) **koenii** (Western Cape) 2017 (disc by K Kown 2010 & nah),
 (Gasteria) **pendulifolia** (Natal) 2001 (disc by H Baijnath c1998) —> **Gasteria croucheri** ssp **pendulifolia**
 by BJM Zonneveld 2005,
 (Gasteria) **vlokii** (Western Cape) 1987 (disc by J Vlok 1984 & nah),
 (Gibbaeum) **johnstonii** [w SA Hammer] (Cape) 1996 (na PJohnston),
 (Malephora) **pinaarii** (Western Cape) 2001 (disc by U de Villiers Pinaar 1997 & nah),
 (Ornithogalum) **sardienii** (Western Cape) 1994 (na T Sardien);
 (Othonna) **armiana** (Northern Cape) 1986 (disc by AR Mitchell c1985 & na his initials),
 (Plectranthus) **malvinus** [w TJ Edwards] (Eastern Cape) 1997;
 (Plectranthus) **reflexus** [w TJ Edwards] (Eastern Cape) 1991;
 (Plectranthus) **venteri** [w A Hankey] (Limpopo) 1997 (na S Venter),
 (Portulacaria) **armiana** (Namibia, Northern Cape) 1984 (disc by AR Mitchell & na his initials),
 (Stoeberia) **arborea** (Cape, Namibia) 1994,
 (Tavaresia) **thompsoniorum** [w R Nagel] (Angola) 1999,
 (Tylecodon) **aurusbergensis** [w G Williamson] (Namibia) 1993 (disc by JJ Lavranos, LE Newton &
 GS Barad 1978),
 (Tylecodon) **bayeri** (Northern Cape) 1988 (disc by MB Bayer & nah),
 (Tylecodon) **bodleyae** (Northern Cape) 1992 (disc by JA Hart 1983 & na E Bodley),
 (Tylecodon) **bruynsii** [w SA Hammer] (Namibia) 2009 (disc by PV Bruyns & nah),
 (Tylecodon) **ellaphieae** (Northern Cape) 1989 (disc by EJ van Jaarsveld & P Drijfhout & na
 J Ellaphie Ward-Hilhorst),
 (Tylecodon) **kritzingeri** (Northern Cape) 1983 (disc by EF van Jaarsveld & K Kritzinger & nah),
 (Tylecodon) **longipes** [w G Williamson] (Northern Cape) (disc by EJ van Jaarsveld),
 (Tylecodon) **nigricaulis** [w G Williamson] (Northern Cape) 2000 (disc by EJ van Jaarsveld),
 (Tylecodon) **opelii** [w SA Hammer] (RSA) 2011 (disc by M Opel 2000 & nah),
 (Tylecodon) **peculiaris** (Western Cape) 1998 (disc by Z van Jaarsveld 1995),
 (Tylecodon) **scandens** (Western Cape) 1995 (disc by DV Tribble & C Rodgerson 1992),
 (Tylecodon) **tribblei** (Little Namaq) 1997 (disc by DV Tribble & C Rodgerson 1994 & na DV Tribble);
transfer species:
 "Aloe brachyphylla" (Salm-Dyck 1840) —> **Gasteria brachyphylla** 1992,
 "Aloe glabra" (Salm-Dyck 1917) —> **Gasteria carinata** var **glabra** 1998,
 "Aloe verrucosa" (P Miller 1768) —> **Gasteria carinata** var **verrucosa** 1992,
 "Coleus pentheri" (RLA Gurke 1905) —> **Plectranthus pentheri** [w TJ Edwards] 1997,
 "Gasteria armstrongii" (S Schonland 1912) —> **Gasteria nitida** var **armstrongii** 1992,
 "Gasteria ernesti-ruschii" (MK Dinter & JKL von Poellnitz 1938) —> **Gasteria pillansii** var **ernesti-ruschii**
 1992,
 "Gasteria liliputana" (JKL von Poellnitz 1938) —> **Gasteria bicolor** var **liliputana** 1992,
 "Gasteria thunbergii" (NE Brown 1923) —> **Gasteria carinata** var **thunbergii** 1998,
 "Mesemb frutescens" (HML Bolus 1913) —> **Stoeberia frutescens** 1994,
 "Mesemb utile" (HML Bolus 1929) —> **Stoeberia utilis** 1994;

disc subsp:

(Conophytum taylorianum ssp) **rosynense** [w ? Kritzing] (Cape) 1980 (desc by SA Hammer 1993);

desc subsp:

(Plectranthus purpuratus ssp) **montanus** [w TJ Edwards] (Mpumalanga, Swaziland) 1997,

(Plectranthus purpuratus ssp) **tongaensis** [w TJ Edwards] (Natal) 1997,

(Plectranthus saccatus ssp) **pondoensis** [w S Milstein] (Natal) 1997;

desc variety:

(Gasteria batesiana var) **dolomitica** [w EA van Wyk] (Mpumalanga) 2000 (disc by EJ van Jaarsveld & A Hankey 1996),

(Gasteria brachyphylla var) **bayeri** (Western Cape) 1992 (disc by MB Bayer c1991 & nah),

(Gasteria carinata var) **retusa** (Western Cape) 1992,

(Tylecodon sulphureus var) **armianus** (Western Cape) 1989 (disc by AR Mitchell);

transfer variety:

"Plectranthus madagascariensis var aliciae" (LEW Codd 1975) —> **Plectranthus aliciae** [w TJ Edwards] 1997,

"Plectranthus strigosus var lucidus" (G Bentham 1848) —> **Plectranthus lucidus** 1997.

Jaarsveld, Zaria van; father EJ van Jaarsveld;

disc species:

(Tylecodon) **peculiaris** (Western Cape) 1995 (desc by EJ van Jaarsveld 1998).



†**Jablonski**, (Dr) Eugene (5 Apr 1892–24 May 1975); {Jabl.}; Hungarian geologist & botanist; PhD in botany, geopaleontology & cosmography at Univ of Budapest 1914; worked at Hungarian Royal Geological Institute & an oil company in Poland 1918–27; to US 1927 w Vacuum (Mobil) Oil Company; curator of tropical botany at NY Bot Garden 1960~; worked w

FA Pax on Euphorbiaceae; spouse Mary née Kremery] Jablonski;

Book [1973–74] *Catalogus Euphorbiarum* 1973 (Vols I-IV); Eng/Latin; 166p.



†**Jaccard**, (Dr) Henri (5 Nov 1844–13 Jun 1922); Swiss botanist;

PhD at Univ of Lausanne 1919;

species nah:

(Sedum) **jaccardianum** (Morocco) (desc & nah by RCJ Maire & E Wilczek 1925).

†**Jack**, (Dr med) Wm (29 Jan 1795–15 Sep 1822); {Jack}; Scottish surgeon, botanist & naturalist; met J Banks & R Brown while studying botany & medicine in London 1811–12; MD 1812; surgeon & botanist w East India Company 1812~; explored at Table Mtn, RSA 1813; explored & collected in Sumatra 1818~; spouse Mary [née Innes] Jack;

desc genera:

Aeschynanthus (Malaysia to New Guinea, Solomon Islands, Taiwan, Philippines, India, Nepal, Sri Lanka, s China) 1823,

Hydnophytum (Papua New Guinea, Australia, Indonesia, Philippines) 1823,

Myrmecodia (Australia, Indochina, Indonesia, Solomon Islands) 1823 (the ant plant);

desc species:

(Aeschynanthus) **radicans** (Borneo, Philippines, Malayan Peninsula, Java) 1823,

(Hydnophytum) **formicarum** (Malaysia) 1823,

(Myrmecodia) **tuberosa** (Indochina, Australia, Solomon Islands) 1823.

Jackson, Arthur Keith (1914–); {A.K.Jack.};

desc species:

(Sedum) **cyprum** [w WB Turrill] (Cyprus) 1939.

†**Jackson**, Benjamin Daydon (3 Apr 1846–12 Oct 1927); {B.D.Jack.}; British botanist & bot bibliographer & historian; PhD at Uppsala Univ; first compiler & editor of Index Kewensis;

FLS 1868, bot secretary 1880–1902 & general secretary 1902–26;

Book [1881] *Guide to the Literature of Botany – being a classified selection of bot works, including nearly 6000 titles not given in Pritzel's Thesaurus* London, Eng; 626p,

[1893–95] *Index Kewensis (an Enumeration of the Genera & Species of Flowering Plants, from the time of Linnaeus to the Year 1885 Inclusive* Oxford, Eng; in 2 Vols;

[1893] Vol 1, 1,268p;

[1894 & 95] Vol 2, 1,299p;

15 supplements by BD Jackson & other authors 1901–74,

[1905] *A Glossary of Botanic Terms - w Their Derivation & Accent* London, Eng; Eng; 371p,

[1918] *Correspondence between Carl von Linné & C Rijk Tulbagh, Governor of Dutch Colony – including list of 203 specimens sent c1767 to Uppsala* London; 13p.

desc species:

(Mamm) **fasciculata** (Arizona, New Mex, Chihuahua, Sonora) 1895 (disc on WH Emory 1846 US survey trip) —> **Echinocereus fasciculatus** by LD Benson 1969.

Jackson, D Dayton;

Book [1987] *Origins & Meanings of Names of S African Plant Genera (Part 1)* Kirstenbosch, RSA; Eng; 45p.

Jackson, HS; British; BSc;

Book [1968] *Rebutia (Including Aylosteria & Sulcorebutia)* [w C Marsden] London, Eng; Eng; 100p.

†**Jackson**, RH;

disc species:

(Titanopsis) **setifera** (Northern Cape) 1932 (desc by HML Bolus 1933) —> **Aloinopsis setifera** by HML Bolus 1958.

Jackson, THE; acting senior civil affairs officer in Ethiopia;

disc species:

(Aloe) **jacksonii** (Ethiopia) 1943 (desc & nah by GW Reynolds 1955),

(Echidnopsis) **jacksonii** (Ethiopia) 1943 (desc & nah by JGL Plowes 1993).

†**Jacobi**, C;

Book [1723] *Dissertatio Historico-Medica de Aloe* Altdorf, Switzerland; 20p.

†**Jacobi**, (Gen) Georg Albano von (9 Apr 1805–2 Nov 1874); {Jacobi}; Ger botanist in Berlin; collected *Agaves* in Amer;

Book [1864] (?67)] *Versuch zu einer Systematischen Ordnung der Agaveen*; 422p;

desc species:

(Agave) **applanata** (Mex) 1864,

(Agave) **asperrima** (Texas, Coahuila, Chihuahua, Nuevo Leon, Durango, Zacatecas) 1864,
 (Agave) **chiapensis** (Chiapas) 1866,
 (Agave) **dasyliroides** [w PC Bouche] (San Luis Potosi, Morelos) 1865,
 (Agave) **desmentiana** (Mex) 1866 (na L de Smet),
 (Agave) **ellemeetiana** (Mex) 1865 (na WCM de Jonge van Ellemeet),
 (Agave) **ensifera** (Mex) 1868,
 (Agave) **expansa** (Calif, Arizona, Jalisco) 1868 —> **Agave americana** var **expansa** by HS Gentry 1972,
 (Agave) **ghiesbreghtii** (Mex, Guatemala) 1864,
 (Agave) **guttata** [w WCD Bouche] (Durango, San Luis Potosi, Aguascalientes, Jalisco, Zacatecus) 1865,
 (Agave) **hookeri** (Jalisco, Michoacan, Guerrero) 1866 (na WJ Hooker),
 (Agave) **horrida** (San Luis Potosi, Morelos, México) 1866,
 (Agave) **legrelliana** (Cuba) 1865,
 (Agave) **seemanniana** (Nicaragua, Guatemala) 1868 (disc by B Seemann 1866 & nah),
 (Agave) **triangularis** (Puebla, Oazaca) 1869,
 (Agave) **variegata** (Texas, Mex) 1865,
 (Agave) **wallisii** (Colombia) 1870 (na G Wallis),
 (Furcraea) **undulata** 1869,
 (Mammillaria) **potosiana** (San Luis Potosi) 1856 —> **Coryphantha potosiana** by CE Glass & RA Foster

1971.

† **Jacobs**, (Dr) Surrey Wilfrid Laurance (29 Apr 1946–26 Nov 2009); {S.W.L.Jacobs}; Australian botanist; research scientist in herbarium at Royal Bot Gardens, Sydney, Australia 1971~;

transfer species:

“*Trianthema australis*” (R Melville 1952) —> **Zaleya galericulata** ssp **australis** 1988.

Jacobs, Tom LKF (fl. 2001); {T.Jacobs}; Belgium;

desc species:

(Conophytum) **subterraneum** [w TC Smale] (Richtersveld) 2001 (disc by T Jacobs 2000).



† **Jacobsen**, (Dr hc) **Hermann** Johannes Heinrich (26 Jan 1898–18 Aug 1978); {H.Jacobsen}; Ger gardener, horticulturist & prolific writer on succ; curator of bot garden at Kiel Univ, Ger 1929–63; honorary doctorate of natural history from Kiel Univ 1963; took over MHG Schwantes' succ collection; wrote journal articles; founding member of IOS 1950; Ger Cactus Soc Fellow 1958; CSSA Fellow award 1971; life member of The African Succ Plant Soc 1974;

Book [1933] *Die Sukkulanten (Beschreibung, Kultur und Verwendung der Sukkulanten Gewächse mit Ausnahme der Kakteen)* = "Succulent Plants. Description, Cultivation, Uses of Succ other than Cacti" Berlin, Ger; Ger; 219p; (Eng translation in 1935 by V Higgins, London, Eng, w 293p,

[1936] *Register der Gattungen und Arten zu A Berger, Crassulaceae* Kiel, Ger; Ger; 25p,

[1938–39] *Verzeichnis der Arten der Gattung Mesemb L. Nebst Deren Abgetrennten Gattungen* Berlin; Ger; (in 2 Vols);

[1938] Vol 1, 198p;

[1939] Vol 2, 34p,

[1938] *Mesembryanthemaceae* [w OH Volk & AGJ Herre] Stuttgart, Ger; Ger; 128p,

[1939] *Die Kultur der Sukkulanten Pflanzen* Berlin; Ger; 60p,

[1939] *The Cultivation of Succ Plants* London; Eng; 106p,

[1949] *On Succ Plants* Leeds, Eng; Eng; 16p; (a lecture given in Eng),

[1952] *Kakteen und Andere Sukkulanten* Aachen, Ger; Ger; 93p,

[1954–55] *Handbuch der Sukkulenten Pflanzen* = “A Handbook of Succ Plants” Jena, Ger; Ger; 1,416; (in 3 Vols),

[1954] Vol 1, 617p (Abromeitiella bis Euphorbia);

[1954] Vol 2, 508p (Fockea bis Zygophyllum);

[1955] Vol 3, 592p (Mesembryanthemaceae),

[1960] *A Handbook of Succ Plants (other than Cacti)* London; Eng; 2,845p; (in 3 Vols);
(rev from 1954–55 Ger edition);

Vol 1; 489p;

Vol 2; 912p;

Vol 3; 1,444p,

[1970] *Das Sukkulenten Lexikon* = “Lexicon of Succ Plants” Jena, Ger; Ger; 589p; (Eng translation by Lois Glass in 1975 w 664p);

genus nah:

Jacobsenia (Little Namaq, Western Cape) (desc & nah by HML Bolus & MHG Schwantes 1954);

desc genus:

Aistocaulon 1935;

species nah:

(Argyroderma) **jacobsenianum** (Little Namaq) (desc & nah by MHG Schwantes 1933),

(Conophytum) **jacobsenianum** (Little Namaq) (desc & nah by A Tischer 1956),

(Cotyledon) **jacobseniana** (desc & nah by JKL von Poellnitz 1936),

(Crassula) **jacobseniana** (Cape) (desc & nah by JKL von Poellnitz 1936),

(Drosanthemum) **jacobsenii** (desc & nah by GD Rowley 1978),

(Senecio) **jacobsenii** (Tanzania, Kenya) (desc & nah by GD Rowley 1955);

desc species:

(Crassula) **justi-corderoyi** [w JKL von Poellnitz] 1936 (na Justus Corderoy),

(Crassula) **marnierana** [w HFJ Huber] (Western Cape) 1951 (na JLE Marnier-Lapostolle) —> **Crassula**

rupestris ssp **marnieriana** by HR Tolken 1975;

(Dinteranthus) **inexpectatus** (Namibia) 1935,

(Drosanthemum) **papaveranthum** 1938,

(Gibbaeum) **nelii** 1933 (na GC Nel),

(Kalanchoe) **marnieriana** (Mada) 1954 (na JLE Marnier-Lapostolle),

(Lithops) **wernerii** [w MHG Schwantes] (Namibia) 1951 (disc by Werner Triebner c1950),

(Ophthalmophyllum) **lydiae** (Namaq) 1948 (disc by W Triebner & na Lydia Triebner) —> **Conophytum**

lydiae by GD Rowley 1978,

(Pleiospilos) **rothii** (Cape) 1933,

(Ruschia) **haworthii** [w GD Rowley] (RSA) 1973 (na AH Haworth),

(Senecio) **rowleyanus** (Eastern Cape) 1968 (na GD Rowley) —> **Senecio radicans** 'Gordon Rowley' by

BJM Zonneveld 2005,

(Stomatium) **patulum** (RSA) 1935,

(Turbinicarpus) **klinkerianus** [w C Backeberg] (Mex) 1948 (na C Klinker) —> **Turbinicarpus**

schmiedickeanus ssp **klinkerianus** by NP Taylor 1998,

(Villadia) **reniformis** (Cajamarca) 1958 (disc by A Weberbauer 1904) —> **Sedum reniforme** by J Thiede

& H 't Hart 1999;

transfer species:

“Facuaria haagei” (A Tischer 1929) —> **Faucaria bosscheana** var **haagei**,

“Hymenocyclus crassus” (HML Bolus 1932) —> **Malephora crassa** [w MHG Schwantes] 1958,

“Hymenocyclus framesii” (HML Bolus 1929) —> **Malephora framesii** [w MHG Schwantes] 1958,

"Hymenocyclus latipetalus" (HML Bolus 1929) —> **Malephora latipetala** [w MHG Schwantes] 1958,
"Hymenocyclus uitenhagensis" (HML Bolus 1929) —> **Malephora uitenhagensis** [w MHG Schwantes] 1958,

"Kleinia ovoidea" (RH Compton 1934) —> **Senecio ovoideus** 1951,
"Kleinia polytoma" (E Chiovenda 1929) —> **Senecio polytomus** 1956,
"Mesemb brunnthaleri" (A Berger 1922) —> **Delosperma brunnthaleri** 1933,
"Mesemb carinans" (AH Haworth 1821 —> **Hereroa carinans** 1933,
"Mesemb cronemeyerianum" (A Berger 1922) —> **Delosperma cronemeyerianum** 1960,
"Mesemb decorum" (NE Brown 1912) —> **Trichodiadema decorum** 1939,
"Mesemb emarcidum" (CP Thunberg 1791) —> **Sceletium emarcidum** 1960,
"Mesemb flavo-croceum" (AH Haworth 1826) —> **Malephora flavo-crocea** [w MHG Schwantes] 1958,
"Mesemb murinum" (AH Haworth 1795) —> **Stomatium murinum** 1933,
"Mesemb pungens" (A Berger 1922) —> **Ruschia pungens** 1958,
"Notonia amaniensis" (HGA Engler 1905) —> **Senecio amaniensis** 1951,
"Sedum rhodanthum" (A Gray 1862) —> **Rhodiola rhodantha** 1973,
"Sedum suboppositum" (CJ Maximowicz 1883) —> **Rhodiola subopposita** 1973;

desc variety:

(Lithops pseudotruncatella var) **groendrayensis** (Namibia) 1961 (disc by W Triebner 1957) —> **Lithops pseudotruncatella** ssp **groendrayensis** by DT Cole 1988;

transfer variety:

"Mesemb purpureo-croceum var flavocroceum" (AH Haworth) —> **Malephora flavo-crocea** [w MHG Schwantes] 1958;

desc forma:

(Agave victoriae-reginae fa) **stolonifera** (Mex) 1960,
(Haworthia obtusa fa) **truncata** (Eastern Cape) 1955 —> **Haworthia cooperi** var **truncata** by MB Bayer 1999.

Jacquemin, Daniel; France; dir of Etablissements d'Horticulture Loe Gros Pin, Hyères;

Book [2000–01] *Les Succulentes Ornamentales*; French; (Agaves in 2 Parts);

[2000] Part 1; 272p;

[2001] Part 2; 310p.

† **Jacques**, Henri Antoine (1782–1866); {Jacques}; French nurseryman & horticulturist; gardener to Duke of Orleans, Louis-Philippe d'Orleans II; specialized in roses;

transfer species:

"Anthericum comosum" (CP Thunberg 1794) —> **Chlorophytum comosum** 1862.

† **Jacquet**, Renée; France;

Book [1934] *Etude Sur Les Cactacées* = "Study on Cactaceae" Paris, France; French; 176p.



† **Jacquin**, (Prof) (Dr med) Joseph Franz von (7 Feb 1766–26 Oct 1839); {J.Jacq.}; Austrian physician & botanist; MD at Univ of Vienna 1788 & prof of botany & chemistry 1797~; credited w advance publication of father's stapeliad classification; father NJ von Jacquin;

Book [1816] *Synopsis Stapeliarum*; 12p.



†**Jacquin**, (Prof) (Dr med) (Baron) Nicolaus [Nikolas, Nicolai] Joseph [Jozeph, Josef] von (16 Feb 1727–26 Oct 1817); {Jacq.}; Austrian physician, chemist, botanist & artist; prof of chemistry & botany & dir of bot garden (founded 1754) at Univ of Vienna 1769~; collected plants in West Indies & n coast of S Amer 1755–59, for Bot Gardens at Schönbrunn (summer palace of the Habsburgs, Emperor Joseph II) near Vienna, Austria; he is thought of as the Linnaeus of Austria; grower of Stapeliads collected by G Scholl & F Boos; ennobled 1774; became a Baron 1806;

Book [1764–71] *Observationum Botanicarum Iconibus ab Auctore Delineatis Illustratarum* Vindobonae; (in 4 Parts w 100 leaves of plates);

[1764] Part 1; 48p;

[1767] Part 2; 32p;

[1768] Part 3; 22p;

[1771] Part 4; 14p,

[1770–76] *Hortus Botanicus Vindobonensis, seu, Plantarum Rariorum Quae in Horto Botanico Vindobenensi* Vindobonae; Latin; (in 3 Vols);

[1770–71] Vol 1; 44p;

[1772–73] Vol 2; p 51p;

[1776] Vol 3; 52p,

[1778–81] *Miscellanea Austriaca ad Botanicam, Chemiam, et Historiam Naturalem Spectantia, cum Figuris Partim Coloratis* Vindobonae; (in 2 Vols w 6 plates of succ);

[1778] Vol 1; 212p;

[1781] Vol 2; 423p,

[1781–93] *Icones Plantarum Rariorum* Vindobonae; (in 3 Vols),

[1786–96] *Collectanea ad Botanicam, Chemiam et Historiam Naturalem Spectantia* Vindobonae; Latin; (in 5 Vols);

[1786] Vol 1; 386p;

[1788] Vol 2; 374p;

[1789] Vol 3; 306p;

[1790] Vol 4; 359p;

[1796] Vol 5; 171p,

[1797–1804] *Plantarum Rariorum Horti Caesarei Schoenbrunnensis* Vienna, Austria; (in 4 Vols w 500 leaves of plates including 37 hand-colored plates of succ);

[1797] Vol 1; 70p;

[1797] Vol 2; 68p;

[1798] Vol 3; 80p;

[1804] Vol 4; 56p,

[1806–19] *Stapeliarum in Hortis Vindobonensibus Cultarum* Vienna, Austria (in parts); Latin; 64 leaves of plates; final part edited by JF von Jacquin; (reprint Sandton, RSA 1982; Latin; 292p),

[1811] *Genitalia Asclepiadarum Controversa* Wien; 140p;

desc genera:

Bursera 1762,

Commiphora (subtropical Africa, Mada, Arabia to India, S Amer) 1797,

Drimia (Cape) 1786,

Portulacaria (Namibia, RSA) 1787;

species nah:

(Stapelia) **jacquiniana** (desc & nah by JA Schultes) —> **Duvalia jacquiniana** by R Sweet;

desc species:

(Agave) **hexapetala** (Bahamas, Greater Antilles) 1760 → **Furcraea hexapetala** by I Urban 1903,
 (Aloe) **acinacifolia** (Eastern Cape) 1811 → **Gasteria acinacifolia** by AH Haworth 1819,
 (Aloe) **bullulata** (Western Cape, Eastern Cape) 1809 → **Astroloba bullulata** by AJA Uitewaal 1947,
 (Aloe) **radula** (Eastern Cape) 1804 → **Haworthia attenuate** var **radula** by MB Bayer 1999,
 (Amaryllis) **radula** (Western Cape) 1797 → **Brunsvigia radula** by W Aiton 1811,
 (Anthericum) **longiscapum** (Eastern Cape) 1787 → **Bulbine longiscapa** by KL von Willdenow 1809,
 (Anthericum) **nutans** (Western Cape) 1787 → **Bulbine nutans** by JJ Roemer & JA Schultes 1829,
 (Crassula) **dejecta** (Northern Cape, Western Cape) 1804,
 (Crassula) **umbella** (Northern Cape, Western Cape) 1791,
 (Cynanchum) **crispum** (Little Karoo) 1800–04 (disc by G Scholl c1798) → **Fockea crispa** by KM Schumann 1895,
 (Eucomis) **bifolia** (Namibia, Northern Cape) 1791 → **Whiteheadia bifolia** by JG Baker 1873,
 (Euphorbia) **bracteata** (Sonora to Guerrero) 1798 → **Pedilanthus bracteatus** by PE Boissier 1862,
 (Euphorbia) **bupleurifolia** (Eastern Cape, Natal) 1797 (disc by SF Masson c1791),
 (Euphorbia) **clandestina** (Western Cape) 1804 (disc by F Boos & G Scholl c1789),
 (Euphorbia) **clava** (Eastern Cape) 1784 (disc c1700),
 (Euphorbia) **ornithopus** (Eastern Cape) 1809 (disc by F Boos & G Scholl c1789),
 (Euphorbia) **tuberculata** (Western Cape) 1798 (disc by F Boos & G Scholl c1789),
 (Haemanthus) **albiflos** (Eastern Cape, Natal) 1797,
 (Lachenalia) **patula** (Western Cape) 1790,
 (Othonna) **filicaulis** (Northern Cape, Namibia) 1797,
 (Oxalis) **megalorrhiza** (Galapagos Islands, Peru, Chile, Bolivia) 1794,
 (Mesemb) **aitonis** (Cape, Australia) 1776 (na W Aiton),
 (Mesemb) **croceum** (RSA) 1800 → **Malephora crocea** by MHG Schwantes 1928,
 (Mesemb) **elegans** (Western Cape) 1804 → **Lampranthus elegans** by MHG Schwantes 1938,
 (Mesemb) **erigeriflorum** 1804 → **Drosanthemum erigeriflorum** by WT Stearn 1939,
 (Mesemb) **flaccidum** (Western Cape) 1804 → **Saphesia flaccida** by NE Brown 1932,
 (Mesemb) **multiradiatum** (RSA) 1800–84 → **Lampranthus multiradiatus** by NE Brown 1930,
 (Mesemb) **parviflorum** (Western Cape) 1798 → **Psilocaulon parviflorum** by MHG Schwantes 1928,
 (Mesemb) **rapaceum** (Namaq to Western Cape) → **Caulipsolon rapaceum** by C Klak 1998,
 (Mesemb) **tenuiflorum** (Western Cape) 1800–09 → **Phyllobolus tenuiflorus** by M Gerbaulet 1997,
 (Mesemb) **turbinatum** (RSA) 1804 → **Lampranthus turbinatus** by NE Brown 1930,
 (Ornithogalum) **juncifolium** (RSA) 1797,
 (Ornithogalum) **longibracteatum** (Eastern Cape, Natal) 1776,
 (Ornithogalum) **maculatum** (Western Cape, Northern Cape) 1789,
 (Ornithogalum) **paradoxum** (Western Cape, Eastern Cape) 1796 → **Eriospermum paradoxum** by JB Ker-Gawler 1811,
 (Othonna) **retrofracta** (Namibia, Little Namaqualand) 1798,
 (Pelargonium) **carneum** (Western Cape, Eastern Cape) 1791,
 (Pelargonium) **heterophyllum** (Western Cape) 1791,
 (Pelargonium) **longiflorum** (Northern Cape, Western Cape) 1791,
 (Pelargonium) **paniculatum** (Namibia) 1797,
 (Pelargonium) **trifidum** (Western Cape, Eastern Cape) 1797,
 (Pelargonium) **triphyllum** (Western Cape) 1791,
 (Piper) **pereskiifolia** (Colombia, Venezuela) 1786 → **Peperomia pereskiifolia** by CS Kunth 1815,
 (Portulaca) **triangularis** (Mex to Argentina) 1760 → **Talinum triangulare** by KL von Willdenow 1800,
 (Portulacaria) **afra** (Mozambique, Eastern Cape, Swaziland, Natal, Northern Prov) 1786,

(Portulacaria) **paniculata** (US to Argentina) 1760 → **Talinum paniculatum** by J Gaertner 1791,
 (Sempervivum) **sediforme** (Portugal to Morocco to Syria, Israel) 1770 → **Sedum sediforme** by C y E Pau 1909,
 (Stapelia) **clavigera** (Western Cape, Northern Cape) 1806 → **Huernia clavigera** by AH Haworth 1819,
 (Stapelia) **comata** (Cape) 1806–19 → **Stapelia hirsuta** var **comata** by NE Brown 1909,
 (Stapelia) **deflexa** (RSA) 1806–19 (disc by G Scholl c1800),
 (Stapelia) **depressa** (Cape) 1806–19 → **Stapelia hirsuta** var **depressa** by NE Brown 1908,
 (Stapelia) **fissirostris** (Cape) 1806–19 (disc by G Scholl c1805) → **Stapelia rufa** var **fissirostris** by AC White & BL Sloane 1937,
 (Stapelia) **hircosa** (Cape) 1806–19 → **Stapelia gemmiflora** var **hircosa** by NE Brown 1909,
 (Stapelia) **juvencula** (Cape) 1806–19 → **Stapelia vetula** var **juvencula** by A Berger 1910,
 (Stapelia) **lepida** (RSA) 1806–19,
 (Stapelia) **mutabilis** 1806–19,
 (Stapelia) **ocellata** (Cape) 1806–19 → **Huernia ocellata** by JA Schultes 1820,
 (Stapelia) **roriflua** (Cape) 1806–19 → **Stapelia verrucosa** var **roriflua** by NE Brown 1909,
 (Stapelia) **tubata** (RSA) 1806–19 → **Huernia barbata** var **tubata** by NE Brown 1909;

transfer species:

"Geranium abrotanifolium" (C von Linne *fil.* 1781) → **Pelargonium abrotanifolium** 1800,
 "Geranium hirtum" (NL Burman 1759) → **Pelargonium hirtum** 1793,
 "Geranium longifolium" (NL Burman 1759) → **Pelargonium longifolium** 1791;

desc variety:

(Sedum reflexum var) **aureum** 1973.

Jado, AJ;

Book [1971] *Potential anti-Tumor Agents from Agave pacifica TRELEASE, Family Amaryllidaceae* Tucson, Arizona; 60p.

†**Jaeger**, [Jäger,] E;

disc species:

(Monadenium) **stapelioides** (Tanzania, Kenya) 1907 (desc by FA Pax 1909).

†**Jaeger**, (Dr hc) Edmund Carroll (28 Jan 1887–2 Aug 1983); {E.Jaeger}; US naturalist & biologist; prof at zoology dept of Riverside Municipal Museum, Calif 1921–52; honorary DS at Occidental College, Los Angeles, Calif 1953;

Book [1933] *The Calif Deserts, a Visitor's Handbook to the Mohave & Colorado Deserts* Palo Alto, Calif; Eng; 207p,

[1940] *Desert Wild Flowers* Palo Alto; Eng; 322p,

[1944] *A Source Book of Biological Names & Terms*; 256p,

[1957] *The N Amer Deserts* Stanford, Calif; Eng; 308p;

disc variety:

(Yucca brevifolia var) **jaegeriana** (Calif, Nevada, Utah, Arizona) (desc & nah by SMA McKelvey 1935).



†**Jaeger**, [Jäger,] (Prof) (Dr) Fritz (8 Jan 1881–26 Nov 1966); Ger geographer & mtn climber; prof at Berlin Univ & Basel Univ; explored in East Africa, in Namibia 1913–19;

disc species:

(Mesemb) **oehleri** [w E Oehler] (Kenya, Tanzania) 1906 (desc by HGA Engler 1909 & na E Oehler) → **Delosperma oehleri** by AGJ Herre 1948.

Jaeger, Paul;

Book [1961] *The Wonderful Life of Flowers* NYC; Eng; 195p w 79 color photos, including *Huernia*, *Aloe*, *Stapelia*, *Cheiridopsis*, *Caralluma* & *Cleistocactus*; (translated from French by JPM Brenan).

Jafri, Saiyad Masudal [Saiyid Masudul] Hasan (1927–1986); {Jafri}; Pakistan botanist at Al Faateh Univ, Tripoli;

Book [1982] *Flora of Libya - Euphorbiaceae* [w A El-Gadi] Tripoli; Eng; 54p.

† **Jager**, Ina de (fl. 1929–30); RSA; worked at Bolus Herbarium;

species nah:

(*Drosanthemum*) **dejagerae** (Western Cape) (desc & nah by HML Bolus 1932),

(*Ruschia*) **dejagerae** (Western Cape) (desc & nah by HML Bolus 1928).

† **Jahandiez**, Émile (7 Mar 1876–20 Sep 1938); {Jahand.}; French botanist & horticulturist at Jardin d'Acclimation de Carqueiranne, France; created Jardin de plantes exotiques garden at Carqueiranne 1903; explored & collected in s France, Canary Islands, Spain & n Africa;

Book [1935] *Les Plantes Grasses Autres que les Cactées* Paris, France; French; 177p;

species nah:

(*Sedum*) **jahandiezii** (Morocco) (desc & nah by JA Battandier 1921);

desc species:

(*Sedum*) **gattefossei** [w JA Battandier] (Morocco) 1921 (na J Gattefosse).



Jain, (Dr) Sudhanshu Kumar (30 Jun 1926–); Indian botanist;

PhD at Univ of Pune, India 1965; pres of Indian Bot Soc 1987; spouse Satya Jain;

species nah:

(*Ceropegia*) **jainii** (India) (desc & nah by MY Ansari & BG Kulkarni 1982).

Jainta, (Dr) Harald (1963–); Ger research & management positions at pharmaceutical companies 1988~; spouse Anja Jainta;

Book [2017] *Wild Lithops* Göttingen, Ger; Eng; 488p w 2000 color photos & 60 b&w photos, 13 maps, 14 tables & 10 diagrams; preface by Steven Hammer & Ronald Uijss w spouse Anja, photographer.

Jajo, [Jajó,] Bedrich (fl. 1947); Czech Rep;

desc species:

(*Gymnocalycium*) **valnicekianum** (Cordoba) 1934 (na J Valnicek) → **Gymnocalycium mostii** ssp **valnicekianum** by M Meregalli & GJ Charles 2008.

Jakel, [Jäkel,] Ulrike; Ger;

Book [1978] *Beitrag zur Kenntnis der Asclepiadaceen-Pollinarien* [w R Schill]; Ger w 2p Eng summary; 122p.

† **Jalas**, (Dr) Arvo Jaakko Juhani (7 May 1920–1 Dec 1999); {Jalas}; Finnish dendrologist, phytogeographer & taxonomist; PhD at Univ of Helsinki c1950, prof 1976–84 & dir at bot garden & museum 1984~;

desc subsp:

(*Sedum telephium* ssp) **ruprechtii** (ne Europe) 1954 (na FJL Ruprecht) → **Hylotelephium telephium** ssp **ruprechtii** by H Ohba 1977.

Jam, Éric; France

Book [1988] *Étude de Quelques Euphorbes de l'île de la Réunion* Paris, France; French; 210p.

† **James**, Geoffrey; British to RSA; brother HW James;

species nah:

(Stomatium) **geoffreyi** (Eastern Cape) (desc & nah by HML Bolus 1934 & disc by HW James 1931).

† **James**, Hubert Wm [Birdie] (1 Jul 1884–26 Apr 1974); British to Cradock, Eastern Cape, RSA; farm manager & branch manager of Allied Building Soc; expert on birds; collected succ in RSA; to Zimbabwe 1964; son R James; brother G James;

species nah:

(Drosanthemum) **jamesii** (Cape) (desc & nah by HML Bolus 1932),

(Nananthus) **jamesii** (desc & nah by HML Bolus 1931) —> **Rabiea jamesii** by HML Bolus 1938,

(Stomatium) **jamesii** (Eastern Cape) (desc & nah by HML Bolus 1931);

disc species:

(Huernia) **kennedyana** (Eastern Cape) 1931 (desc by JJ Lavranos 1965 & na HC Kennedy),

(Stomatium) **geoffreyi** (Eastern Cape) 1931 (desc by HML Bolus 1934 & na G James).

James, Ronald (1917–); RSA; father HW James;

disc species:

(Pectinaria) **mirkinii** (Eastern Cape) 1938 (desc by NS Pillans 1939 & na ED Mirkin) —> **Ophionella arcuata** ssp **mirkinii** by PV Bruyns 1999.

Janda, Jiří;

Book [2003] *Sukulenty Jihlava*, Czech Rep; 136p w 87 color photos.

Jankalski, Stephen M (fl. 1993); {Jankalski}; US specialist in cold hardy succ;

Book [1990] *Cold Hardy C&S Checklist* Baltimore, Maryland; 53p; (rev 1992; 85p);

desc species:

(Sansevieria) **bacularis** [w AJ Butler] (Zaire) 2010.



Jankowitz, (Dr) Willem Jacobus (15 Jun 1942–); Namibian botanist;

MSc in botany at Univ of Orange Free State 1972; PhD in plant ecology of the

Waterberg Plateau Park in Namibia 1982; works at Dept of Nature Conservation Tourism,

Namibia 1970–89; dean of School of Natural Resources, Polytechnic of Namibia 1990–2007 &

head of dept of natural resources 2008~; explored & collected in Namibia;

Book [1975] *Aloen von Sudevestafrika* "Aloes of SW Africa" Windhoek, Namibia; Ger 61p w 47 color photos; (Eng version 1975).

† **Janousek**, [Janoušek,] Arnošt (1920–8 Apr 1984); Czech Rep;

leader of the Czech Notocactus Section;

Book [1982] *Druhové Náze Rodu Notocactus v Širším Pojetí Včetně Synonym* Prague, Czech Rep; Czech; 24p; (first pub 1974);

species nah:

(Notocactus) **arnostianus** (Rio Grande do Sul) (desc by K Lisal & J Kolarik 1986) —> **Parodia arnostiana** by A Hofacker 1998.

Janovy, John;

Book [2008] *A Desert Illuminated: Cactus Flowers of the Sonoran Desert* [w MA Dimmitt, J Alcock & D Yetman]
Tucson, Arizona; dimmittEng; 111p w color photos.

†**Janse**, Anthonie Johannes Theodorus (19 Apr 1877–12 Jun 1970); Dutch biologist & teacher;
to RSA 1899; lecturer on biology & geography at Normal College, Pretoria, RSA 1905–37;
collected moths & a few succ;

species **nah**:

(Delosperma) **jansei** (Transvaal) (desc & nah by NE Brown 1926).



†**Janse**, Johannes Albertus (1911–15 Mar 1977); {Janse}; Dutch horticulturist;
dir of Dutch bulb exporting company at Bennebroek, Netherlands; founding member of IOS 1950;
edited Dutch journal *Succulenta*; interested in Euphorbias;

Book [1959] *Succ Plants (C&S)* Hillegom, Netherlands; Eng/Dutch/Ger/French;

116p w 14 color photos,

[1963] *Kakteen und Andere Sukkulente und Ihre Pflege* = "Kakteen & other Sukkulente & its care"

Munich, Ger; Ger; 199p;

species **nah**:

(Haworthia) **janseana** (RSA) (desc & nah by AJA Uitewaal 1940);

desc species:

(Euphorbia) **undulatifolia** (India) 1953.



Jansen, Paula; US photographer;

Book [1994] *Saguaro Cactus* [by CJ Storad] Minneapolis, Minnesota; Eng; 48p; (photographer).

Jansson, Carl-Axel (5 May 1925–); {C.-A.Jansson, Jansson}; Swedish botanist;

Book [1970] *Flora Iranica: Crassulaceae* [w KH Rechinger] Graz, Austria; 32p + 8 plates; covers countries Iran,
Afghanistan, West Pakistan, Iraq, Azerbaidjan & Turkmenistan;

desc species:

(Pseudosedum) **acutisepalum** (Iran, Afghanistan) 1970,

(Pseudosedum) **koelzii** (Iran) 1970 (na WN Koelz),

(Rosularia) **rechingeri** (Turkey) 1966 (na KH Rechinger) —> **Prometheum rechingeri** by H 't Hart 1995,

(Sedum) **victorianum** (Myanmar) 1964;

transfer species:

"Sedum adenotrichum" (MP Edgeworth 1846) —> **Rosularia adenotricha** 1970;

desc subsp:

(Rosularia adenotricha ssp) **linearifolia** (Afghanistan) 1970 —> **Rosularia modesta** var **linearifolia** by

UV Eggli 1988;

transfer variety:

(Sedum adenotrichum var) **viguieri** (Raymond-Hamet 1929) —> **Rosularia adenotricha** ssp **viguieri**

1970.

Japan Cactus Growers Assoc;

Book [1990] *A History of Cactus in Japan*; Japanese; 317p.

Japan Conophytum Soc;

Book [1995] *Conophytum Handbook (Cultivated in Japan)* Tokyo, Japan; Japanese; 128p.

Japan Succ Soc;

Book [1979] *Colour Enc of Cacti Japan*,

[1981] *Colour Enc of Succ* Tokyo, Japan; Japanese; 165p w 812 color plates.



† **Jardine**, [née Solia,] Sana (–21 Sep 1923); Samoan Isle to Australia 1873; spouse Frank Jardine (–10 Mar 1919);

species nah:

(Hoya) **sanae** (Queensland) (desc & nah by LH Bailey 1897) —> **Hoya australis** ssp **sanae** by KD Hill 1988.

Jarvis, (Dr) Charles [**Charlie**] Edward (1954–); {C.E.Jarvis}; British botanist; PhD in botany at Reading Univ; student of GD Rowley; works in Dept of Botany at The Natural history Museum, London, Eng & in charge of 'The Linnean Plant Name Typification Project';

Book [c1979] *The Trade in C&OS Plants in the UK* London, Eng; Eng; 13p,

[2007] *Order out of Chaos (Linnaean plant name & their types)* London; Eng; 1,017p w 287 color photos.

Jauernig, Johann (11 Jun 1937–); Austrian mechanic & cactus hobbyist; collected in Mex 1989~; **disc species**:

(Turbinicarpus) **jauernigii** (San Luis Potosi) 1991 (desc & nah by G Frank 1993) —> **Turbinicarpus schmiedickeanus** ssp **jauernigii** by DR Hunt 2005,

(Turbinicarpus) **rioverdensis** (San Luis Potosi) 1989 (desc G Frank 1992) —> **Turbinicarpus schmiedickeanus** ssp **rioverdensis** by JM Luthy 1999.

Jayasuriya, (Prof) (Dr) Anthony Harold Magdon (1944–); {Jayas.}; Sri Lankan botanist; PhD w thesis on taxonomy; prof of botany & curator at Royal Botanic Garden Natl Herbarium, Sri Lanka; dir of plant genetic resources center, dept of agriculture, Peradeniya, Sri Lanka;

desc species:

(Brachystelma) **lankanum** [w MD Dassanayake] (Sri Lanka) 1974.

Jeanes, Charlotte; US writer;

Book [1962] *Desert Beauty (The Story of Cacti)* [w J Stacey] Chicago, Illinois; Eng; 32p w 37 color photos.



Jebb, (Dr) Matthew HP (1958–); {Jebb}; Irish botanist & taxonomist; PhD in botany at Oxford Univ, Eng 1987; dir of Christensen Research Institute in Papua New Guinea 1987–1993; keeper of herbarium & taxonomist 1996~ & dir 2010~ at Natl Bot Garden of Ireland, Dublin; interested in ant plants;

desc genus:

Anthorrhiza [w CR Huxley] (Papua New Guinea) 1990;

desc species:

(Anthorrhiza) **areolata** [w CR Huxley] (Papua New Guinea) 1991,

(Anthorrhiza) **bracteosa** [w CR Huxley] (Papua New Guinea) 1991,

(Anthorrhiza) **caerulea** [w CR Huxley] (Papua New Guinea) 1991,

(Anthorrhiza) **camilla** [w CR Huxley] (Papua New Guinea) 1993,

(Anthorrhiza) **chrysacantha** [w CR Huxley] (Papua New Guinea) 1991,

(Anthorrhiza) **echinella** [w CR Huxley] (Papua New Guinea) 1990,
 (Anthorrhiza) **mitis** [w CR Huxley] (Papua New Guinea) 1991,
 (Anthorrhiza) **recurvispina** [w CR Huxley] (Papua New Guinea) 1991,
 (Anthorrhiza) **stevensii** [w CR Huxley] (Papua New Guinea) 1991,
 (Myrmecodia) **aureospina** [w CR Huxley] (New Guinea) 1993,
 (Myrmecodia) **ferox** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecodia) **gracilispina** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecodia) **horrida** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecodia) **kutubuensis** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecodia) **melanacantha** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecodia) **oksapminensis** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecodia) **paradoxa** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecodia) **pteroaspida** [w CR Huxley] (Papua New Guinea) 1993,
 (Myrmecophytum) **moniliforme** [w CR Huxley] (Irian Jaya) 1991,
 (Squamellaria) **thekii** (Fiji Islands) 1991;

transfer species:

"Myrmecodia antoinii" (O Beccari 1884) → **Myrmecodia platytyrea** ssp **antoinii** [w CR Huxley] 1993,
 "Myrmecodia arfakiana" (O Beccari 1884) → **Myrmecophytum arfakianum** [w CR Huxley] 1991,
 "Myrmecodia naumannii" (O Warburg 1894) → **Myrmecophytum naumannii** [w CR Huxley] 1991.

Jeffrey, Charles (10 Apr 1934–); {C.Jeffrey}; British botanist; BA degree at Cambridge [or Oxford?]; botanist at Kew herbarium specializing in Cucurbitaceae & Compositae; to Russia 2008; collected in temperate Asia;

Book [1961] *Aizoaceae* part from *Flora of Tropical East Africa* London, Eng; Eng; 37p,
 [1967] *Cucurbitaceae* part from *Flora of Tropical East Africa* London; Eng,
 [2005] *Senecioneae* section of *Compositae* (*Asteraceae*) Part 3 from *Flora of Tropical East Africa* [w HJ Beentje] Kew; Eng; 70p;

desc species:

(Apodanthera) **hatschbachii** (Brazil) 1992 (na G Hatschbach),
 (Apodanthera) **hindii** (Brazil) 1992 (na DJN Hind),
 (Apodanthera) **succulenta** (Brazil) 1992,
 (Apodanthera) **villosa** (Brazil) 1992,
 (Kleinia) **leptophylla** (Ethiopia, Kenya, Saudi Arabia) 1986 (disc by PRO Bally 1963) → **Senecio mweroensis** var **leptophyllus** by GD Rowley 1994,
 (Kleinia) **patriciae** (Tanzania) 1986 (na Patricia Halliday) → **Senecio picticaulis** ssp **patriciae** by GD Rowley 1990,
 (Senecio) **descoingsii** (Mada) 1994 (na B Descoings),
 (Senecio) **toxotis** (Western Cape) 1992;

transfer species:

"Coccinia ecirrhosa" (CA Cogniaux 1896) → **Cephalopentandra ecirrhosa** 1964,
 "Hymenosicyos bryoniifolius" (H Merxmüller 1953) → **Cucumella bryoniifolia** 1962,
 "Melothria pallidinervia" (HAT Harms 1923) → **Zehneria pallidinervia** 1962,
 "Momordica fasciculata" (CA Cogniaux 1897) → **Eureiandra fasciculata** 1962,
 "Trianthema pendandra" (C Linnaeus 1767) → **Zaleya pendandra** 1960,
 "Turia leloja" (JF Gmelin 1791) → **Kedrostis leloja** 1962;

transfer variety:

"Gerrardanthus grandiflorus var lobatus" (CA Cogniaux 1916) → **Gerrardanthus lobatus** 1962,

"*Peponia parviflora* var *trilobata*" (CA Cogniaux 1895) —> ***Coccinia trilobata*** 1962.

† **Jelinek**, [Julišek, Jelišek,] Josef (10 Jan 1915–17 Jan 1981); Czech horticulturist; editor of journal *Kaktusy*; specialized in *Parodia*;

Book [1972] *O Kaktusech* [w R Subík] Prague, Czech Rep; Czech; 285p w 48 color photos.

† **Jenkins**, Thomas J; RSA assistant at Transvaal Museum, RSA 1907; to Dept of Lands & Dept of Inland Revenue 1913~; collected in Transvaal & Mozambique ≈1914;

disc species:

(*Crassula setulosa* var) **jenkinsii** (Limpopo, Gauteng) (desc & nah by S Schonland 1929).



† **Jensen**, Emil (21 Dec 1889–1963); Ger farmer & amateur botanist interested in succ; to Namibia 1936~: collected in Luderitz & Walvis Bay, Namibia;

genus nah:

Jensenobotrya (Namibia) (desc & nah by AGJ Herre 1951).

Jensen, J Nilaus; Danish horticulturist;

Book [1963] *Sukkulenter* Copenhagen, Denmark; Danish; 68p,
[1963] *Kaktus* Copenhagen; Danish; 48p; (rev 1968; 93p).

Jensen, (Dr) Lawrence Craig Winston (1936–) PhD at Univ of Minnesota 1966;

Book [1966] *Comparative Anatomical Studies in Three Subfamilies of the Crassulaceae*; 248p; (PhD thesis).

Jenssen, KM (fl. 1986); {K.M.Jenssen};

desc species:

(*Trianthema*) **kimberleyi** [w V Bittrich] (Australia) 1990 (na locality Kimberley region in Australia).



† **Jeppe**, [née Brereton,] Barbara Joan (21 May 1921–19 Jun 1999); RSA bot artist; bot artist on number of books; awarded Bot Soc of S Africa Gold Medal 1990; spouse Carl Jeppe, psychiatrist;
Book [1969] *S African Aloes* Cape Town, RSA; Eng; 144p + 133p of color plates; (author & illustrator),

[1974] *Aloes, Pride of S Africa #11* Cape Town; Eng; 24p + 30 color plates; (author & illustrator);

species nah:

(*Aloe*) **jeppeae** (Free State) (desc by RR Klopper & GF Smith 2013 & disc by GPJ Fritz 2009).



† **Jepson**, (Prof) (Dr) Willis Linn (19 Aug 1867–7 Nov 1946); {Jeps.}; US botanist; worked in & prof of botany dept of Univ of Calif, Berkeley 1887~ & PhD in 1899; founded Calif Bot Soc 1913 & editor of journal *Madroño* 1913–33; Jepson Herbarium nah 1950;

Book [1923–25] *A Manual of the Flowering Plants of Calif* Berkeley, Calif; Eng; 1,238p; (issued in parts 1923 to 1925);

desc genus:

Congdonia 1925 (syn of *Sedum* LINNAEUS);

desc species:

(Sedum) **purdyi** (Calif, Oregon) 1936 (na C Purdy) —> **Sedum spathulifolium** ssp **purdyi** by RT Clausen 1975;

transfer species:

"Calandrinia howellii" (S Watson 1888) —> **Lewisia cotyledon** var **howellii** 1914;

desc variety:

(Cotyledon caespitosa var) **paniculata** (Calif) 1901 —> **Dudleya cymosa** ssp **paniculata** by KM Nakai 1988,

(Cotyledon laxa var) **setchellii** (Calif) 1901 (na WA Setchell) —> **Dudleya saxosa** by NL Britton & JN Rose 1903.

Jernigan, Gisela; US children's librarian; writer of children's books (below) w illustrations by E Wesley Jernigan;

Book [1988] *One Green Mesquite Tree* Tucson, Arizona; Eng; 21p,

[1989] *Agave Blooms Just Once* Tucson; Eng; 30p.

Jessop, (Dr) John Peter (3 Jul 1939–); {Jessop}; RSA botanist; PhD at Univ of Cape Town c1967; worked at Natl Herbarium, Bot Research Institute 1963–67; lecturer in botany at Rhodes Univ 1967~;

Book [1975] *Veld Plants of Southern Africa* [w NK Hobson] Johannesburg, RSA; 310p; (w illustrators Michael C van der Riet Ginn & Jane Kelly);

desc species:

(Amphibolia) **maritima** [w HR Tolken] (Cape) 1976,

(Amphibolia) **stayneri** [w HR Tolken] (Cape) 1976 (na FJ Stayner) —> **Phiambolia stayneri** by C Klak 2003;

transfer species:

"Scilla concolor" (JG Baker 1870) —> **Ledebouria concolor** 1970,

"Scilla ovatifolia" (JG Baker 1870) —> **Ledebouria ovatifolia** 1970,

"Scilla socialis" (JG Baker 1870) —> **Ledebouria socialis** 1970.

Jezek, Zdenek;

Book [2005] *The Complete Encyclopedia of Succulents* [w L Kunte] Lisse Netherlands; Eng; 303p.

Jimenez Ramirez, [Jiménez Ramírez,] Jaime (fl. 1980–99); {J.Jimenez Ram.}; Mex; collected in Mex;

desc species:

(Jatropha) **stephanii** [w MM Gordillo] (Michoacan) 1991 (disc by Stephan Martinez c1991 & nah),

(Neoevansia) **lazarocardenasii** [w JLR Contreras Jimenez, CA Toledo Manzur & H Sanchez-Mejorada] (Michoacan, Guerrero) 1980 (na L Cardenas) —> **Peniocereus lazaro-cardenasii** by DR Hunt 1991.

Jiruse, [Jiruše,] Zdenek (fl. 2011); Czech Rep; explored in Mex;

desc species:

(Turbinicarpus) **graminispinus** [w GF Matuzewski & V Mysak] (Nuevo Leon) 2011 (disc by V Mysak & Z Jiruse 2008).

Joffe, Pitta;

Book [1993] *The Gardener's Guide to South African Plants* Cape Town, RSA; Eng; 368p.



†**Johansen**, (Dr) Donald Alexander (1901–1968); {D.A.Johans.}; US botanist;

PhD in botany at Stanford Univ, Calif 1925; worked on monograph of genus *Dudleya*;
spouse Elizabeth [née Burgess] Johansen;
Book [1932] monograph on genus *Dudleya*;

desc *species*:

(*Dudleya*) **brittonii** (Baja Calif & island Todos Santos) 1933 (desc by HE Gates & na NL Britton),
(*Dudleya*) **gatesii** (Baja Calif) 1932 (na HE Gates).

Johansson, (Dr) Dick (1938–); Sweden;

Book [1974] *Ecology of Vascular Epiphytes in West African Rain Forest* Uppsala, Sweden; Eng; 129p;
(PhD thesis).

John, Volker (1952–); {V.John}; Ger;

transfer *species*:

“*Echinocactus gielsdorfianus*” (E Werdermann 1929) —> ***Turbinicarpus gielsdorfianus*** [w J Riha] 1983,
“*Echinocactus saueri*” (F Boedeker 1928) —> ***Turbinicarpus saueri*** [w J Riha] 1983,
“*Echinocactus viereckii*” (E Werdermann 1931) —> ***Turbinicarpus viereckii*** [w J Riha] 1983,
“*Mamm horripila*” (AC Lemaire 1838) —> ***Turbinicarpus horripilus*** [w J Riha] 1983.

Johns, Patrick;

Book [1993] *Practical Cacti Growing* Wilshire, Eng; Eng; 64p w 50 color photos.



† **Johnson**, (Dr) Duncan Starr (21 Jul 1867–16 Feb 1937); {D.S.Johnson}; US bryologist & bot explorer; PhD at John Hopkins Univ & botanist 1898~; spouse Mary [née Lentz] Johnson (1904–);
Book [1918] *The Fruit of Opuntia fulgida* DC; Eng; 62p.

Johnson, I;

disc *species*:

(*Aloe*) **neilcrouchii** [w NR Crouch] (KwaZulu-Natal) 2009 (desc by RR Klopper & GF Smith 2010 & na Neil R Crouch).

Johnson, (Dr) Johnny L (c1950–); US horticulturist & research librarian; PhD in horticulture at Texas A&M Univ, College Station, Texas, 1978; prof in research library at Oklahoma State Univ, Stillwater, Oklahoma 1989~;

Book [1978] *Tissue Culture Propagation of the Cactaceae as Influenced by Plant Growth Regulators with Lateral Meristems & Spine Initiation & Development of Mamm elongata (Cactaceae)*; 160p.

† **Johnson**, Joseph Ellis [Elias] (28 Apr 1817–17 Dec 1882); {J.E.Johnson};

US publicist, herbalist, horticulturist & amateur botanist; early Mormon settler
at St. George, Utah; spouse Harriet [née Snider] Johnson;

disc *species*:

(*Echinocactus*) **johnsonii** (Arizona, Calif, Nevada, Utah) 1870 (desc & nah by GT Engelmann 1871)
—> ***Sclerocactus johnsonii*** by NP Taylor 1987.



† **Johnson**, Joseph Harry, Sr (27 May 1894–27 Nov 1987); {H.Johnson or J.H.Johnson}; US horticulturist & nurseryman; purchased the water lily nursery in 1921 from Edmond D Sturtevant

(–1930) in Hollywood, Calif, who had started the nursery in New Jersey in 1876 and moved it to Calif in 1894; renamed the nursery *Johnson Cactus Gardens* & moved it to Paramount, Calif 1935; his nursery produced hybrid cacti 1935~ & the famous Echinopsis-Lobivia hybrids (known as *Paramount Hybrids*) 1954~; wrote articles for US C&S Journal, including “Questions & Answers” feature 1949–68; collected in Guatemala 1919–21 & in Peru, Ecuador, Colombia, Yucatan w JF Akers 1948 & w spouse 1951–52; pres of Southern Calif Nursery Association 1935; he & his spouse were founding members of Calif Cactus Growers’ Association & pres 1952–54; CSSA Fellow award 1952 & pres 1958–59; spouse Hazel May [née DeHart] Johnson (1893–18 Jan 1974) in charge of office; son JH Johnson, Jr; **Book** [1936–1968] illustrated color catalogues w cultural information & plant offerings, pub in Paramount, Calif:

[1936] 16p, →	[1937] 24p, →	[1938] 16p, →	[1939] 20p,
[1940] 28p, →	[1941] 36p, →	[1942] 36p, →	[1943–46]
[1947] 36p, →	[1948] 36p, →	[1949] 36p, →	[1950] 20p,
[1951] 20p, →	[1951*] 48p, →	[1952] none, →	[1953–55] 20p each,
[1956–63] 36p each, →	[1964–67] 40p each, →	[1968] 44p;	

**Diamond Jubilee Cactus Handbook* (1876–51);

Introduction of Echinopsis-Lobivia '*Paramount Hybrids*':

1954: '*Orange Paramount*', '*Red Paramount*', '*Red Pygmy*', '*Salmon Queen*', '*Sunset*';
 1955: '*Fluffy Ruffles*';
 1957: '*Dainty Bess*', '*Orange Glory*', '*Peach Monarch*', '*Tangerine*';
 1958: '*Los Angeles*';
 1959: '*Forty Niner*', '*Kate Walker*', '*Morning Glory*', '*Red Meteor*';
 1961: '*Betelgeuse*', '*Stars & Stripes*';
 1962: '*Aurora*', '*Terra Cotta*', '*White Knight*';
 1963: '*Mary Patricia*';
 1964: '*Watermelon*';
 1965: '*Harlequin*';
 1966: '*Red Riding Hood*';
 1968: '*Blaze*', '*Pink & White*', '*Scarlet O'Hara*';

After 1968: '*Atomic*', '*Barber Pole*', '*Blue Horizons*', '*Heavenly Twins*', '*Northern Lights*',
 '*Pastel Peach*', '*Red King*', '*Tropic Sunset*';

desc genera:

Azureocereus [w J Akers] 1949 (disc by them 1948) (syn of *Browningia* B&R),

Pygmaeocereus [w C Backeberg] (Peru) 1957;

disc species:

(*Echeveria*) **johnsonii** (Ecuador) (desc & nah by EE Walther 1958);

desc species:

(*Weberocereus*) **trichophorus** [w MW Kimnach] (Costa Rica) 1963 (disc by CH Lankester c1940).



Johnson, (Miss) Margaret AT (1946–); British bot cytologist at Kew;

species nah:

(*Euphorbia*) **margaretae** (Somalia) (desc & nah by S Carter 1992 & disc by S Carter 1981).



Johnson, Matthew Brian (1958–); US horticulturist; BS in agriculture & MS in horticulture & a research specialist at Univ of Arizona; explored & researched in SW US, Mex, Argentina, Australia & RSA; CSSA Friend award 2013;
Book [2004] *Cacti, other Succ, & Unusual Xerophytes of S Arizona* Tucson, Arizona; Eng; 96p.

Johnson, Paul R (1943[32?]-); US;

Book [1982] *Cacti, Shrubs & Trees of Anza-Borrego* Borrego Springs, Calif; Eng; 30p.

† **Johnson**, Wm Henry (1875–); British botanist; dir of dept of agriculture for Mozambique company 1906–10; collected in Gold Coast 1898–92, Rhodesia 1907 & Mozambique 1907–10; FLS 1901;

species nah:

(Ceropegia) **johnsonii** (Ghana, Congo, Liberia, Zaire, Uganda) (desc & nah by NE Brown 1903);

disc species:

(Euphorbia) **johnsonii** (Mozambique) c1907 (desc & nah by NE Brown 1911) —> **Euphorbia knuthii** ssp **johnsonii** by LC Leach 1973.

† **Johnson**, Wm Weber (18 Dec 1909–2 Nov 1992); US newspaper reporter; worked for Time Magazine 1941–61; prof of journalism at Univ of Calif, Riverside 1961–71; spouse Rosa Elena [née Lujan] Johnson;

Book [1972] *Baja Calif—The Amer Wilderness*; NYC; 184p; (a Time-Life book w photos by Joy Maisel).



† **Johnston**, (Dr med) Henry Halcro (13 Sep 1856–18 Oct 1939); Scottish physician, army surgeon & botanist; MD at Univ of Edinburgh 1893; war service as surgeon in Sudan, India and RSA; collected in RSA 1899–1902;

disc species:

(Brachystelma) **johnstonii** (Tanzania, Uganda, Kenya, Senegal, Mali) (desc & nah by NE Brown 1901).



† **Johnston**, (Dr) Ivan Murray (28 Feb 1898–31 May 1960); {I.M.Johnst.}; US systematic botanist & taxonomist; PhD at Harvard Univ, Cambridge, Massachusetts 1925; assistant at Gray Herbarium 1922–31; explored in Chile 1925–26 & in Mex, US, Argentina, Panama, Peru & Puerto Rico; research associate at Arnold Arboretum 1931–38; prof of botany at Harvard Univ 1938~; dir at Arnold Arboretum 1948–53;

Book [1924] *The Botany (The Vascular Plants)* San Francisco, Calif; Eng; 267p,

[1931] *The Flora of the Revillagigedo Islands* San Francisco; Eng; 104p;

disc species:

(Echinocereus) **websterianus** (San Pedro Nolasco Island in Gulf of Calif off Baja Calif) 1921 (desc by GE Lindsay 1947 & na GD Webster),

(Echinocactus) **taltalensis** (Chile) 1925 (desc by E Werdermann 1929) —> **Copiapoa taltalensis** by G Looser 1929,

(Ferocactus) **johnstonianus** (Baja Calif) 1921 (desc & nah by NL Britton & JN Rose 1923),

(Mamm) **angelensis** (Angel de la Guarda & Ventana Islands off Baja Calif) early 1920s (desc by RT Craig 1945) —> **Mamm dioica** ssp **angelensis** by DR Hunt 1998,

(Mamm) **estebanensis** (Isla San Esteban off Baja Calif) 1921 (desc by GE Lindsay 1967) —> **Mamm dioica** ssp **estebanensis** by DR Hunt 1998,

(Mamm) **multidigitata** (San Pedro Nolasco Island in Gulf of Calif off Sonora) 1921 (desc by GE Lindsay 1947),

(Mamm) **tayloriorum** (San Pedro Island off Sonora) 1921 (desc by CE Glass & RA Foster 1975 & na B & S Taylor),

(Neomammillaria) **cerralboa** (Cerralbo Island) 1921 (desc & nah by NL Britton & JN Rose 1923)
—> **Mamm cerralboa** by CR Orcutt 1926,

(Neomammillaria) **evermanniana** (Baja Calif & nearby Cerralboa & Nolasco Islands) 1921 (desc by NL Britton & JN Rose 1923 & na B Evermann) —> **Mamm evermanniana** by CR Orcutt 1926,

(Neomammillaria) **johnstonii** (Sonora) 1921 (desc & nah by NL Britton & JN Rose 1923) —> **Mamm johnstonii** by CR Orcutt 1926,

(Peniocereus) **johnstonii** (Baja Calif) 1921 (desc & nah by NL Britton & JN Rose 1922);

desc species:

(Agave) **chrysoglossa** (Sonora) 1924,

(Bargemontia) **confinis** (Peru to Chile) 1936 —> **Nolana confinis** by IM Johnston 1936,

(Calandrinia) **cephalophora** (Chile) 1929 —> **Cistanthe cephalophora** by MA Hershkovitz 1991,

(Fouquieria) **shrevei** (Coahuila) 1939 (na F Shreve),

(Nolana) **lycioides** (Peru) 1936,

(Nolana) **plicata** (Peru) 1929,

(Nolana) **stenophylla** (Chile) 1929,

(Nolana) **thinophila** (Peru) 1936,

(Portulaca) **philippii** (Peru, Chile) 1929 (na RA Phillipi),

(Tetragonia) **vestita** (Peru) 1928;

transfer species:

"Agave vexans" (WA Trelease 1912) —> **Agave datylio** var **vexans** 1924,

"Alona mollis" (RA Phillipi 1860) —> **Nolana mollis** 1936,

"Aplocarya divaricata" (J Lindley 1844) —> **Nolana divaricata** 1936,

"Atropa humifusa" (A Gouan 1762) —> **Nolana humifusa** 1936,

"Bargemontia peruviana" (C Gaudichaud 1841) —> **Nolana peruviana** 1936,

"Bronnia diguetii" (PEL van Tieghem 1899) —> **Fouquieria diguetii** 1925,

"Convolvulus filifolius" (WJ Hooker & GAW Arnott 1830) —> **Nolana filifolia** 1930,

"Dolia laxa" (J Miers 1845) —> **Nolana laxa** 1936,

"Dolia leptophylla" (J Miers 1845) —> **Nolana leptophylla** 1936,

"Dolia tarapacana" (RA Philippi 1891) —> **Nolana tarapacana** 1936,

"Leloutrea aplocaryoides" (C Gaudichaud 1851) —> **Nolana aplocaryoides** 1936;

"Periloba galapagensis" (E Christophersen 1932) —> **Nolana galapagensis** 1936,

"Tula adansonii" (JJ Roemer & JA Schultes 1819) —> **Nolana adansonii** 1936.

Johnston, Marshall Conring (10 May 1930–); {M.C.Johnst.}; US botanist;
prof at Univ of Texas, Austin; student of flora of Texas; collected in Texas & Mex;

Book [1970] *Manual of the Vascular Plants of Texas* [w DS Correll] Renner, Texas; Eng; 1881p;

species nah:

(Portulaca) **johnstonii** (Coahuila) (desc & nah by JS Henrickson 1981);

disc species:

(Opuntia) **anteojoensis** (Coahuila) 1973 (desc by DJ Pinkava 1976) —> **Cylindropuntia anteojoensis** by EF Anderson 2000.

Johnston, Peter (1940–); British succ hobbyist & historian; sponsored expedition to RSA c1996;

species nah:

(Gibbaeum) **johnstonii** (Little Karoo) (desc & nah by EJ van Jaarsveld & SA Hammer 1996).

Johnston, T;

Book [1976] *Growing C&S* [w E Wilson] Toronto, Canada; 109p.



† **Johow**, (Dr) Friedrich [**Federico**] Richard Adalbert (5 Feb 1859–30 Apr 1933); {Johow}; Ger botanist; PhD at Univ of Bonn 1880; to Chile 1889; prof at Instituto Pedagógico de Chile 1889~;

desc species:

(Cereus) **litoralis** (Chile) 1923 → **Echinopsis chiloensis** ssp **litoralis** by M Lowry 2003.



Jolls, (Prof) (Dr) Claudia Lee (1953–); US biologist; PhD at Univ of Colorado, Boulder 1980; prof of plant ecology at East Carolina Univ, Greenville, N Carolina;

Book [1980] *Variation in the Reproductive Biology of Sedum lanceolatum Torr. (Crassulaceae) along an Elevational Gradient in the Front Range, Colorado* Boulder, Colorado, Eng; 1

65p; (PhD thesis).



† **Jones**, (Prof) (Dr) George Neville (26 Jan 1903–25 Jun 1970); {G.N.Jones}; British to Canada c1910 & to US c1923; botanist;

PhD at Univ of Washington, Seattle 1937; prof of biology at Harvard Univ, Cambridge, Massachusetts 1937–39; prof of botany & curator of herbarium at Univ of Illinois, Urbana 1939~; collected in Mex, US & Puerto Rico; second spouse Almut [née Gitter] Jones;

desc species:

(Sedum) **nesioticum** (western coasts of Canada & US) 1941 → **Sedum lanceolatum** ssp **nesioticum** by RT Clausen 1948,

(Sedum) **rupicola** (Washington) 1931.

† **Jones**, John McKinley (16 May 1886–30 April 1979); US animal scientist; MS in animal breeding at Univ of Missouri 1912; worked at Texas Agricultural Experiment Station, College Station, Texas 1912~; spouse Elma Beatrice [née Taylor] Jones;

Book [1918] *The Utilization of Yucca for the Maintenance of Cattle* [w AB Conner] College Station, Texas; Eng; 23p.



† **Jones**, Marcus Eugene (25 Apr 1852–3 Jun 1934); {M.E.Jones}; US self-taught geologist & systematic botanist; MS at Grinnell College, Iowa 1878; worked as a mining engineer for railroad company in Salt Lake City, Utah c1880; explored & collected in Mex (once w CC Parry & CG Pringle 1882), Baja Calif & western US states 1880–23; sold his herbarium to Pomona College, Calif 1923; many of his collected plants were sent to A Gray, GT Engelmann & S Watson for identification;

spouse Anna Elizabeth [née Richardson] Jones (–1916);

Book [1900–34] *Contributions to Western Botany*; a private journal of 18 Vols;

disc species:

(Yucca) **kanabensis** (Utah, Arizona) 1894 (desc by SMA McKelvey 1947) → **Yucca angustissima** var **kanabensis** by JL Reveal 1977;

desc species:

(Cereus) **maritimus** (Baja Calif) 1883 (disc by him 1882) → **Echinocereus maritimus** by KM Schumann 1898,

(Cotyledon) **saxosa** (Calif, Baja Calif) 1898 → **Dudleya saxosa** by NL Britton & JN Rose 1903,

(Lophocereus) **gatesii** (Baja Calif) 1934 (disc by HE Gates 1933 & nah) → **Pachycereus gatesii** by DR Hunt 1991,

(Sedum) **elrodii** (Montana) 1910 (na MJ Elrod).

Jones, Stanley D (1948–); US; botanist at Bot Research Center, Bryan, Texas;

Book [1997] *Vascular Plants of Texas* [w JK Wipff & PM Montgomery] Austin, Texas; Eng; 404p; (includes Agavaceae, Aloe, Cactaceae & Crassulaceae).

† **Jones**, Warren D (3 Jul 1914–7 Apr 2008); US horticulturist; MS in architecture at Oregon State Univ 1939; prof of landscape architecture at Univ of Arizona, Tucson 1966~; on board of Boyce Thompson Southwest Arboretum, Superior, Arizona; spouse Patricia Ruth [née Duffey] Jones (–1966);

Book [1981] *Plants for Dry Climates* [w MR Duffield] Tucson, Arizona, Eng; 176p,

[2000] *Landscape Plants for Dry Regions* [w C Sacamano] Tucson, Arizona; Eng; 366p.

Jongkindt-Coninck, AMC — See **Coninck**, AMCJ.

† **Jongmans**, (Dr) Willem Josephus (13 Aug 1878–1957); {Jongm.}; Dutch palaeobotanist; curator at Musée Royal de Botanique, Leiden, Netherlands;

species **nah**:

(Kalanchoe) **jongmansii** (Mada) (desc & nah by Raymond-Hamet & JMH Perrier de la Bathie 1914).

Jonkers, HA; {H.A.Jonkers}; The Netherlands;

desc species:

(Desmidorchis) **impostor** (Oman) 2010 (disc by JP Mandaville 1975).



† **Jordaan**, (Prof) (Dr) Pieter Gerhardus (29 Oct 1913–28 Feb 1987); RSA botanist; DSc at Stellenbosch Univ 1944; prof of botany at Univ of Stellenbosch, RSA 1940–79; joint editor w EW Shurly on GC Nel's *The Gibbaeum Handbook* 1953 book;

genus **nah**:

Jordaaniella (Namibia, Cape) (desc & nah by HEK Hartmann 1983).



† **Jordan**, Claude Thomas **Alexis** (29 Oct 1814–7 Feb 1897); {Jord.}; French botanist in Lyon, France; worked w P-J Fourreau; his extreme narrow concept of species led to his own Jordanean species versus Linnean species; had private herbarium;

desc genus:

Diopogon [w J-P Fourreau] 1868 (syn of *Sempervivum* LINNAEUS);

desc species:

(*Sempervivum*) **calcareum** (sw Alps in France, Italy) 1849.

(*Diopogon*) **allionii** [w J-P Fourreau] (Alps in France, Italy) 1868 (na C Allioni) —> **Sempervivum globiferum** ssp **allionii** by H 't Hart & B Bleij 1999.

Jordan, PW;

Book [1983] *Seedling Establishment & Age distribution of Desert Succ in Relation to Rainfall & Drought* Los Angeles, Calif; 32p.

Jorgensen, Sigurd; {S.Jorg.};

desc species:

(*Monilaria*) **obconica** [w H-D Ihlenfeldt] (Northern Cape) 1973;

transfer species:

“Mesemb moniliforme” (CP Thunberg 1791) —> **Monilaria moniliformis** [w H-D Ihlenfeldt] 1973;

desc subsp:

(Monilaria scutata ssp) **obovata** [w H-D Ihlenfeldt] (Little Namaq) 1973.



Joseph, Gene E; US; studied plant sciences at Univ of Arizona, Tucson; plant propagator at Arizona-Sonora Desert Museum, Tucson with focus on desert flora;

Book [2009] *Adenium: Sculptural Elegance, Floral Extravagance* [w MA Dimmitt & DA Palzkill] Tucson; Eng; 156p w 490 color photos.



† **Jotter**, [later Cutter,] (Dr) Mary **Lois** (1914–1942); {Jotter}; US botanist; first [w EU Clover] women to boat down the Grand Canyon, Arizona 1938 in a Univ of Michigan expedition; spouse Victor M Cutter;

Book [1941] *Cacti of the Canyon of the Colorado River & Tributaries* [w EU Clover]; Eng; 11p; (Bulletin of Torrey Bot Club);

desc species:

(Sclerocactus) **parviflorus** [w EU Clover] (Arizona, Utah, Colorado, New Mex) 1941 (disc by both 1938).



† **Joubert**, Adriaan Jacobus (27 May 1901–1995); RSA teacher; BSc at Stellenbosch Univ 1923; science, mathematics & biology teacher & principal at Hoërskool Ladismith 1924~; expert on flora of Little Karoo, RSA; interested in Stapelieae, Gibbbaeum & Lithops;

species nah:

(Hereroa) **joubertii** (Western Cape) (desc & nah by HML Bolus 1935);

disc species:

(Conophytum) **joubertii** (Western Cape) 1934 (desc & nah by MG Lavis 1934).

Joyce, Peter; author;

Book [2014] *This is Namibia* [w G Cubitt]; Eng; 144p w 198 color photos (latest edition).



† **Juba II**, [Iuba II,] King [Caius Julius Juba] (c50BC–c18AD); educated in Rome, Italy; scholarly king of Numidia (ne Algeria, Tunisia) & later Mauritania (Morocco into Algeria) in n Africa; interested in zoology & botany; explored Canary Islands; writer of history & culture of Arabia & Assyria; earliest recorded medicinal book that included a succ plant (Euphorbia officianarum or E resinifera) he disc growing on Mount Atlas;

(spouse Cleopatra Selene, daughter of Antony & Cleopatra);

Book [≈18AD] *De Euphorbia Herba*;

disc genus:

Euphorbia (na Euphorbus, his physician) (desc by C Linnaeus 1753 from name used by Juba II);

species nah:

(Euphorbia) **regis-jubae** (Canary Islands) (desc by PB Webb & S Berthlot 1846);

disc species:

(Euphorbia) **resinifera** (Atlas Mtns in Morocco) c20BC (desc by O Berg 1863).

Jucker, Hans-Jörg [Hansjörg]; Swiss cactophile; explored in S Amer, especially Bolivia;

disc species:

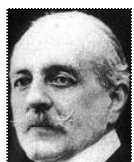
(Gymnocalycium) **chacoense** (Santa Cruz B) 1986 (desc by H Amerhauser 1999).



Judd, Eric George (1935–); RSA marketing management 1953–73, naturalist & professional artist 1973~; explored for succ in RSA, Zimbabwe, Botswana & Namibia; specialist in the genus *Aloe*; RSA silver & gold medal awards for bot art 2002 & 2006;
Book 1967] *What Aloe Is That?* Cape Town, RSA; Eng; 76p w 16 color plates by him;
species **nah**:

(*Aloe*) **juddii** (Western Cape) (desc by EJ van Jaarsveld 2008 & disc by M Groos 2007).

Juenger, Ernst — See **Junger**, Ernst.



† **Jumelle**, Henri Lucien (25 Nov 1866–5 Dec 1935); {Jum.}; French botanist & plant physiologist in Paris 1887–94; prof of botany at Faculte des Sciences & dir of bot garden & colonial museum, Marseille, France 1894~;

Book [1908] *Les Asclepiadacees* [w JMH Perrier de la Bathie] France; French; 109p;

desc **genus**

Ischnolepis [w JMH Perrier de la Bathie] (Mada) 1909;

species **nah**:

(*Cynanchum*) **jumellei** (Mada) (desc & nah by P Choux 1928);

desc **species**:

(*Adansonia*) **rubrostipa** [w JMH Perrier de la Bathie] (Mada) 1909,

(*Ceropegia*) **albisepta** [w JMH Perrier de la Bathie] (Mada, Zaire, Uganda, Kenya) 1908,

(*Ceropegia*) **saxatilis** [w JMH Perrier de la Bathie] (Mada) 1908,

(*Ceropegia*) **scabra** [w JMH Perrier de la Bathie] (Mada) 1908,

(*Cynanchum*) **ampanihense** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Cynanchum*) **arenarium** [w JMH Perrier de la Bathie] (Mada) 1908,

(*Cynanchum*) **bisnuatum** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Cynanchum*) **implicatum** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Cynanchum*) **macranthum** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Cynanchum*) **macrolobum** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Cynanchum*) **mahafalense** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Cynanchum*) **menarandrense** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Cynanchum*) **radiatum** [w JMH Perrier de la Bathie] (Mada) 1911,

(*Decanema*) **grandiflorum** [w JMH Perrier de la Bathie] 1908,

(*Decanema*) **luteifluens** [w JMH Perrier de la Bathie] (Mada) 1911 —> **Cynanchum luteifluens** by

BM Descoings 1961,

(*Jatropha*) **mahafalensis** [w JMH Perrier de la Bathie] (Mada) 1910,

(*Medinilla*) **sedifolia** [w JMH Perrier de la Bathie] (Mada) 1913,

(*Moringa*) **drouhardii** (Mada) 1930 (na EJ Drouhard),

(*Ophiocaulon*) **firingalavensis** (Mada) 1903 —> **Adenia firingalavensis** by HAT Harms 1925;

transfer **species**:

"*Vohemaria messeri*" (FG Buchenau 1889) —> **Cynanchum messeri** [w JMH Perrier de la Bathie] 1911.

† **Junger**, [Jünger,] Ernst (29 Mar 1895–17 Feb 1998); Ger writer & scientist;

species **nah** (on his 100th birthday):

(*Rhipsalis*) **juengeri** (Sao Paulo) (desc & nah by WA Barthlott & NP Taylor 1995).



† **Junod**, Henri-Alexandre (17 May 1863–22 Apr 1934); Swiss missionary, ethnographer, anthropologist, linguist & naturalist.; to Mozambique 1889 as a missionary returning to Switzerland

in 1896; collected plant, butterfly & insect specimens; first spouse Couvet Emilie Julie [née Biolley] Junod (–10 Jul 1901); second spouse Sophie Helene [née Kern] Junod;

disc species:

(Kalanchoe) **leblanciae** (RSA, Mozambique) 1893 (desc by Raymond-Hamet 1912 & na A Leblanc).

Jurgens, [Jürgens,] (Dr) N; Ger; IOS member 1992;

Book [2004] *Biodiversity & Ecology, Vol 2* [w J Thiede, M Veste & D Metzing]; Eng/Ger; 250p; (includes articles on Mesembs & Stapeliads).

† **Jurgensen**, [Jürgensen,] (Mr) C (fl. 1840); Ger; collected in Mex for HG Galeotti 1840~;

species nah:

(Cotyledon) **jurgensenii** (Hidalgo, Queretaro, San Luis Potosi, Guanajuato, Puebla, Veracruz) (desc & nah by WB Hemsley 1878) —> **Sedum jurgensenii** by RV Moran 1996.

† **Juritz**, (Dr) Charles [Carol?] Frederick (3 Mar 1864–15 May 1945); RSA analytical chemist, agriculturist & gardener;

species nah:

(Mesemb) **caroli** (Western Cape) (desc & nah by HML Bolus 1922) —> **Ruschia caroli** by MHG Schwantes 1927.

Jury, (Dr) Stephen Leonard (1 Oct 1949–); Eng; PhD in botany at Reading Univ 1978; principal research officer in botany & herbarium curator at Reading Univ 1974~;

Book [1987] *The Euphorbiales (Chemistry, Taxonomy & Economic Botany)* [w T Reynolds, DF Cutler & FJ Evans] London, Eng; Eng; 326p.



† **Jussieu**, (Prof) (Dr med) Adrien [Adriano] Henri Laurent de (23 Dec 1797–29 Jun 1853); {H.Juss.}; French botanist & physician; prof of botany at Museum of Natural History, Paris, France 1826~; father AL de Jussieu;

Book 1823] *Considerations sur la Famille des Euphorbiacees* Paris, France; French; 157p,
[1824] *De Euphorbiacearum Generibus Medicisque Earumdem viribis Tentamen* Paris;
French; 118p.



† **Jussieu**, (Dr med) Antoine Laurent de (12 Apr 1748–17 Sep 1836); {Juss.}; French botanist & physician; MD 1770; dir at Museum of Natural History, Paris, France 1770–26; early promoter of natural classification of flowering plants based on (& extended) unpublished work by his uncle, (Dr med) Bernard de Jussieu (17 Aug 1699–6 Nov 1777), who first worked on classification of plants by natural affinities which influenced later systems of classification; son AHL de Jussieu;

Book [1789] *Genera Plantarum Secundum Ordines Naturales Disposita* Paris, France; 498p,
[1824] *De Euphorbiacearum Generibus Medicisque Earumden Viribis Tentamen* Paris, French 118p,
[1825] *Dictionary of Natural Sciences*;

desc genera:

Anredera (S Amer) 1789,

Cordylina (se Asia, Australia, tropical Amer) 1789.

† **Justice**, (Sir) James (25 Sep 1698–3 Aug 1763); Scottish lawyer, horticulturist & botanist; developed a heated greenhouse in Scotland around 1728; FRS 1730; spouse Margaret [née Murray] Justice;

Book [1754] *The Scots Gardiners Director* Edinburgh,

[1764] *The British Gardener's Director* Edinburgh,

[1771] *British Gardener's New Director* Dublin.

† **Juvan**, Franc (10 Oct 1875–25 Jun 1960); Slovenia gardener at Univ of Ljubljana Bot Gardens 1896~;

species nah:

(Sempervivum) **juvanii** (Slovenia) (desc & nah by V Strgar 1971) —> **Sempervivum wulfenii** ssp **juvanii** by CPE Favarger & N Parnell 1990.

K



Kahin, Dahir Rayale (12 Mar 1952–); Somali politician; Pres of Somaliland 2002–10;

species nah:

(Aloe) **kahinii** (Somaliland) (desc & nah by TA McCoy & JJ Lavranos 2007 & disc by TA McCoy 2004).

† **Kahns**, Hans;

Book [1909] *Zur Kenntnis der Physiologischen Anatomie der Gattung Kleinia* Kiel, Ger; Ger; 84p; (thesis).



† **Kaibara**, Ekken (17 Dec 1630–5 Oct 1714); Japanese Neo-Confucianist philosopher & botanist; first naturalist in Japan;

Book [1709] *Yamato-Honzo* = “Book on Botany”; Japanese; (oldest Japanese literature on natural history w its oldest description of a cactus).

Kaktusy, Czech journal;

Book [2002] *Ariocarpus (a Special ‘Kaktusy’ issue in English)* Czech Rep; Eng; 31p.



† **Kalman**, Béla T (29 Jul 1922–26 Jun 2011); Hungarian to US 1956; photographer; MA at Berzsenyi Gimnazium in Hungary 1943; lifetime Master of Federation of International Artistic Photographers 1984; spouse Edna Zimbert;

Book [2001] *Succ, Nature's Sculptural Wonders* NYC; Eng; 144p w 111 color photos by B Kalman & text by SA Hammer.

Kamelin, (Dr) Rudolf Viadimirovich (12 Aug 1938–1 Apr 2001); {Kamelin}; Russian botanist, taxonomist & plant researcher; dir of herbarium at VL Komarov Bot Institute, St. Petersburg, Russia; author of central Asian flora, in Siberia & China; editor of Russian *Botanicheskij Zhurnal* & *Rastitel'nye Resursy*; pres of Bot Soc of Russia;

species nah:

(Pseudosedum) **kamelinii** (Tadzhikistan) (desc & nah by AV Palanov 1988);

desc subsp:

(Pseudosedum ferganense ssp) **parvum** [w VV Byalt] (Kyrgyzstan) 1999.



Kamstra, Michael Warner (1934–); Irish miner, geologist & landscape construction ≈1990 in Dublin, Eire; BSc in mining engineering 1955 & in mining geology 1957 at Univ of Witwatersrand, RSA; explored in RSA 1951~, Tanzania 1961, Zimbabwe 1962–63 & Namibia & Botswana 1964~;

disc species:

(Aloe) **kamnelii** [w EJ van Jaarsveld & P Nel] (Western Cape) (desc by EJ van Jaarsveld 2009 & na MW Kamstra & P Nel).

Kanjanalaka, Anuchit;

Book [1998] *Astrophytum in Thailand* Thailand; 66p (editor).



Kapitany, Attila (4 May 1959–); Melbourne, Australia horticulturist, plant breeder & researcher; co-founder & operator of wholesale *Paradisio Nursery* & of retail *Collectors Corner Nursery* 1970–1999; author, presenter, media & marketing of horticulture 2000~; pres of C&SS of Australia 2002-12 & editor of its journal *Spinette* 2009~; explored in Australia biennially since 1970, Fiji Islands 1985, Mexico 1991, US southwest 1991, 1994, 1996, 2000, 2004, 2009, 2013,

Argentina 1994, Paraguay 1994, Chile 1994, 1996, Brazil 1996, New Zealand 2002, 2007; life member of C&SS of Australia; spouse Michele Louise [née Mackay] Kapitany;

Book [1996] *Copiapo in their Environment** Teesdale, Australia; Eng; 176p,

[2000] *Succ for the Garden** Teesdale; Eng; 96p [reprint 2003, 2009],

[2001] *More Succ for the Garden** Teesdale; Eng; 96p,

[2002] *Succ Success in the Garden* Teesdale; Eng; 103p w 303 color photos,

[2003] *Succ Care & Health** Teesdale; Eng & Korean; 104p,

[2004] *Succ: Propagation** Teesdale; Eng; 109p w 259 color photos,

[2005] *Echeveria Cultivars* [w L Schulz] Teesdale; Eng; 208p w 543 color photos [2010 in Korean],

[2007] *Australian Succ Plants*; Eng; 240p w 650 color photos,

[2010] *Succulents: Care & Propagation**; Korean; 240p,

[2012] *Australian Bottle Trees*; Eng; 40p .

*[w R Schulz]



† **Kaplicka**, [Kaplická,] [née Florová] Jirina (30 Mar 1901–2 Nov 1984); Czech Rep artist & author; spouse Josef Kaplická;

Book [1968] *Bloeiende Cactussen en Andere Vetplanten** Wageningen, Netherlands; Dutch; 263p,

[1968] *C&S - Concise Guide in Colour** London Eng; Eng; 266p,

[1968] *Taschenatlas der Kakteen** Prague, Czech Rep; Czech; 258p,

[1968] *Spitze Stacheln—Bunte Blüten** Stuttgart, Ger; Ger; 258,

[1969] *Kaktusy** Prague; Czech; 250p,

[1971] *Kakteen und Andere Sukkulanten** Prague; Ger; 242p,

[1971] *Decorative Cacti** London; Eng; 132p,

[1976] *Fakta Om Katusar Och Andra Suckulenter** Stockholm, Sweden; Swedish; 248p.

*[w R Subik]

Karaket, P;

disc species:

(Ceropegia) **thailandica** [w R Pooma, N Pattharahirantricin & U Kawatkul] (Thailand) 2008 (desc by U Meve 2009).



† **Karelin**, Gregori [Grigorij] Silich [Silyč, Silič, Silitsch, Siliovitisch] (Jan 1801–17 Dec 1872); {Kar.}; Russian botanist, naturalist & scientist; collected in Siberia & areas around the Caspian Sea 1829~;

desc species:

(Umbilicus) **alpestris** [w IP Kirilov] (Afghanistan, Pakistan, Kashmir, India, Tibet, central Asia) 1842 —> **Rosularia alpestris** by AG Borissova 1939.

† **Karrer**, Sigmund (1881–1954); {Karrer};

desc species:

(Pleiospilos) **barbarae** 1932.



† **Karsten**, Gustav Karl Wilhelm **Hermann** (6 Nov 1817–10 Jul 1908); {H.Karst.}; Ger botanist & geologist; explored & collected in S Amer 1844–56, mainly in Colombia, Venezuela & Ecuador; prof of botany in Berlin 1856–68, Wien 1868–72 & in Berlin 1872~;

Book [1882] *Deutsche Flora* Berlin, Ger,

[1895] *Flora von Deutschland* Berlin,

[1903] *Mexikanische Cacteen-, Agaven-, und Bromelien-Vegetation* Berlin; Ger; 12p;

transfer species:

“Cactus mammillaris” (C Linnaeus 1753) —> **Mamm mammillaris** 1882.



† **Karsten**, (Miss) Maria [**Mia**] Caroline (27 Mar 1902–20 Apr 1991); {M.C.Karst.}; Dutch botanical historian & biologist; secretary of ‘Netherlands Soc of Succ Collectors’; to RSA 1947; assistant to RH Compton for about 15 yrs on bot survey of Swaziland; interested in Mesembs; wrote articles for *Journal of S African Botany*;

Book [1931] *Mesembryanthema* [w E Labarre (editor), NE Brown & A Tischer] Kent, Eng;

Eng/Dutch/Ger; 324p,

[1941] *Zuid-Afrikaansche Succulente Reisherinneringen de Botanische Tuin te Stellenbosch* Amsterdam, Netherlands; 56p,

[1951] *The Old Company's Garden at the Cape & its Superintendents* Cape Town, RSA; Eng; 188p.

Kartesz, (Dr) John T (1955–); {Kartesz}; US botanist; PhD of systematic botany at Univ of Nevada, Reno 1988; founded 1969 & dir of Biota of N Amer Program of N Carolina bot garden, Univ of N Carolina;

transfer variety:

“Calyptridium parryi var arizonicum” (JT Howell 1945) —> **Cistanthe parryi** var **arizonica** [w KN Gandhi] 1991,

“Calyptridium parryi var hesseae” (JH Thomas 1956) —> **Cistanthe parryi** var **hesseae** [w KN Gandhi] 1991,

“Calyptridium parryi var nevadense” (JT Howell 1945) —> **Cistanthe parryi** var **nevadensis** [w KN Gandhi] 1991.

† **Karwinsky**, [Karwinsky von Karwin,] Wilhelm Friedrich von (19 Feb 1780–2 Mar 1855); {Karw.}; Ger (Bavarian) naturalist & nurseryman; had nursery & collected in Mex 1827–32; collected cacti in Mex 1840–43 in expedition supported by V von Kotschoubey; 1 of 3 *Anahalonium kotschoubeyanum* he disc sold for more than its weight in gold in France;

species **nah**:

(Agave) **karwinskii** (Puebla, Veracruz, Oaxaca) (desc & nah by JG Zuccarini 1832),

(Mamm) **karwinskiana** (Oaxaca) (desc & nah by CFP von Martius 1832);

disc species:

(Anahalonium) **kotschoubeyanum** (Nuevo Leon, Queretaro, San Luis Potosi, Tamaulipas, Zacatecas) c1840 (desc by AC Lemaire 1845 & na Prince Kotschoubey) —> **Ariocarpus kotschoubeyanus** by KM Schumann 1897,

(Echinocactus) **asterias** (Texas, Nuevo Leon, Tamaulipas) 1843 (desc by JG Zuccarini 1845)
—> **Astrophytum asterias** by AC Lemaire 1868,
(Mamm) **sphacelata** (Puebla) (desc by CFP von Martius 1832),
(Mamm) **supertexta** (Oaxaca) c1830 (desc by LKG Pfeiffer 1837);

desc species:

(Furcraea) **longaeva** [w JG Zuccarini] (Guerrero, Oaxaca, Puebla) 1832.

Kasbeer, Tina;

Book [1971] *Flora of Baja Norte* Glendale, Calif; Eng; 36p.



† **Kassner**, [Kässner,] Theodor (fl. 1890–1909); Ger traveler & naturalist; explored & collected in Cape & Transvaal 1890–93 & in Cape, Transvaal, Rhodesia, Congo, Tanzania, Kenya, Sudan & Egypt 1907–09;

disc species:

(Monadenium) **herbaceum** (Zaire) 1908 (desc by FA Pax 1911),
(Monadenium) **invenustum** (Kenya) 1902 (desc by NE Brown 1909),
(Monadenium) **kaessneri** (Zaire) 1908 (desc & nah by NE Brown 1911).



Kattermann, Friedrich [**Fred**] (19 Feb 1932–); {Katt.}; Ger to US 1952; electrical engineer in New Jersey; specialist in Chilean cacti; member of C&SS of New Jersey 1969~ & pres 1972–74; explored in Chile (1977, 1979, 1980, 1984, 1996, 1999), Baja Calif (1985), Peru (1994), Argentina, Mex, US; IOS member 1984; research associate at Desert Bot Garden, Phoenix, Arizona 1994~; CSSA Fellow award 2001; spouse Kathleen [née Link] Kattermann;

Book [1994] *Eriosyce (Cactaceae — The Genus Revised & Amplified)* Richmond, Eng; Eng; 176p w 24 color photos; [w contributions from JM Luthy, RS Wallace, DR Hunt, NP Taylor & DC Zappi];

transfer species:

"Cactus villosus" (C de Monville 1839) —> **Eriosyce villosa** 1994,
"Echinocactus aspillagae" (J Sohrens 1929) to **Eriosyce aspillagae** 1994,
"Echinocactus chilensis" (KM Schumann 1898) —> **Eriosyce chilensis** 1994,
"Echinocactus clavatus" (KM Schumann 1900) —> **Eriosyce subgibbosa** ssp **clavata** 1994,
"Echinocactus islayensis" (CF Forster 1861) —> **Eriosyce islayensis** 1994,
"Echinocactus napinus" (RA Philippi 1872) —> **Eriosyce napina** 1994,
"Echinocactus odieri" (JMF Salm-Dyck 1850) —> **Eriosyce odieri** 1994,
"Echinocactus subgibbosus" (AH Haworth 1831) —> **Eriosyce subgibbosa** 1994,
"Echinocactus strausianus" (KM Schumann 1901) —> **Eriosyce strausiana** 1994,
"Horridocactus engleri" (F Ritter 1959) —> **Eriosyce engleri** 1994,
"Horridocactus garaventa" (F Ritter 1959) —> **Eriosyce garaventa** 1994,
"Horridocactus heinrichianus" (C Backeberg 1942) —> **Eriosyce heinrichiana** 1994,
(Neoporteria) **taltalensis** (PC Hutchison 1955) —> **Eriosyce taltalensis** 1994,
"Neoporteria wagenknechtii" (F Ritter 1963) —> **Eriosyce subgibbosa** ssp **wagenknechtii** 2001,
"Pyrrhocactus simulans" (F Ritter 1961) —> **Eriosyce simulans** 2001;

desc subsp:

(Eriosyce napina ssp) **lembcke** (Chile) 1994 (na H Lembcke).

Kaufmann, Hans-Gunther; Czech;

Book [1977] *Kakteen und andere Scholle Sukkulente* = "Kakteen & Other Beautiful Sukkulente" [w C Grunert & G Viedt] Berlin, Ger; Ger; 351p,

[1979] *Kaktusy a Iné Sukulenty* [w C Grunert & G Viedt] Piroda, Bratislava, Czech Rep; Czech translation of 1977 Ger book; 320p w 73 color photos.

Kautsky, Roberto Anselmo; Brazilian plant collector;

subsp nah:

(*Schlumbergera truncata* ssp) **kautskyi** (Espirito Santo) (desc & nah by JF Horobin & AJS McMillan 1991)
—> *Schlumbergera kautskyi* by NP Taylor 1991.

†**Kawaguchi**, E (fl. 1914);

subsp nah:

(*Rhodiola alsia* ssp) **kawaguchii** (Tibet) (desc & nah by H Ohba 1981).

Kawakami, Kazuya (1952–); Japanese horticulturist;

Book [2001] *The Cactus – Native Place in Andes* [w K Suguri & RGG Homero]; Japanese; 112p w 239 color photos.

Kawatku, U;

disc species:

(*Ceropegia*) **thailandica** [w P Karaket, N Pattharahirantricin & R Pooma] (Thailand) 2008 (desc by U Meve 2009).

Kawollek, Wolfgang; Ger horticulturist;

Book [1988] *Sukkulenten für Zimmer und Fensterbank* Stuttgart, West Ger; Ger; 128p w 125 color photos.

†**Kayser**, Konrad; {Kayser}; Ger Astrophytum specialist; nephew of AV Fric;

transfer species:

"*Astrophytum myriostigma* ssp *coahuilensis*" (H Moeller 1927) —> ***Astrophytum coahuilense*** 1932.



†**Kearney**, (Dr hc) Thomas Henry, Jr (27 Jun 1874–19 Oct 1956); {Kearn.}; US botanist, agrostologist & physiologist at Bureau for Plant Industry at USDA 1894–1944; honorary LLD at Univ of Arizona 1920; honorary curator at botany & research association, Calif Academy of Science, San Francisco, Calif 1944~; interested in taxonomy of Malvaceae & flora of Arizona;

Book [1942] *Flowering Plants and Ferns of Arizona* [w RH Peebles] DC; Eng; 1,069p,

[1960] *Arizona Flora* [w RH Peebles] Tucson, Arizona; 1085p w 45 photos of mainly cacti; (reprint of 1951 original);

desc species:

(*Erythrina*) **flabelliformis** (Arizona, Baja Calif, Chihuahua, Durango, Zacatecas) 1894;

transfer species:

"*Agave couesii*" (WA Trelease 1911) —> ***Agave parryi* var *couesii*** [w RH Peebles] 1939,

"*Agave treleasei*" (JW Toumey 1901) —> ***Agave schottii* var *treleasei*** [w RH Peebles] 1939.

Kearns, Denis M; {Kearns}; US; collected in Mex & US;

desc species:

(*Ibervillea*) **maxima** [w R Lira Saade] (Mex) 1990,

(*Tumamoca*) **mucronata** (Zacatecas) 1994;

transfer species:

"*Dieterlea fusiformis*" (EJ Lott 1986) —> ***Ibervillea fusiformis*** 1994.



Keasey, Merritt S (1935–); US naturalist; in charge of small animals at Arizona-Sonora Desert Museum 20 yrs; explored sw US and Baja Calif;
Book [1981] *The Saguaro Book* Dubuque, Iowa; Eng; 48p + 8 color plates.



† **Keats**, Ezra Jack (11 Mar 1916–6 May 1983); US artist, illustrator & author of children's books; received numerous literary & artistic awards;
Book [1999] *Clementina's Cactus* NY; Eng; (juvenile).

† **Keay**, (Dr) Ronald Wm John (20 May 1920–7 Apr 1998); {Keay}; British forestry botanist; PhD at Oxford Univ; forestry botanist in Nigeria 1942–51 & dir of forest research 1957–62; botanist at Kew 1951–57; executive secretary of Royal Society, London 1977–85;

species nah:

(Raphionacme) **keayi** (Ivory Coast, Nigeria, Cameroon) (desc & nah by AA Bullock 1953);

desc species:

(Euphorbia) **desmondii** [w EWB Milne-Redhead] (Nigeria) 1955 (na R Desmond Meikle).



Keen, Wm [Bill] Charles (1934–); British lecturer in engineering at Coventry Univ, Eng ~1994; member of NCSS & BCSS 1948~; editor of Coventry Branch quarterly magazine Prickly Paragraphs 1967–98; show judge 1968–2000; NCSS Fellow 1975; editor of NCSS journal 1976–82; IOS member 1978; editor of BCSS journal 1983–91; BCSS vice-chairman 1998–2003;

BCSS Life Member 1989 & pres 2004~ ;

Book [1973] *A Guide to C&OS Plants* Oxford, Eng; Eng; 48p,

[1987] *Prickly Paragraphs: A Commemorative Cornucopia*; Eng; 38p.

[1990] *C&S – Step by Step to Growing Success* Ramsbury, Eng; Eng; 128p.

Keeney, Tony;

Book [1987] *Tobush Fishhook Cactus (Ancistrocactus tobushii) Recovery Plan* Albuquerque, New Mex; 40p.

Keil, David John (1946–); {D.J.Keil}; US; prof at Calif Polytechnic State Univ, San Luis Obispo; collected in Mex 1968~, at times w LA McGill;

disc species:

(Echinocereus) **mapimiensis** [w LA McGill] (Cohuila) 1971 (desc by EF Anderson, WC Hodgson & P Quirk 1998).



† **Keith**, (Capt) Donald Robert (29 Jun 1896–4 Mar 1966); British army officer & farmer in Swaziland;

species nah:

(Euphorbia) **keithii** (Swaziland) (desc & nah by RA Dyer);

disc species:

(Aloe) **keithii** (Swaziland) (desc & nah by GW Reynolds 1937).

Kelaidis, [née Moore] Gwen; US rock gardener; former co-owner of mail-order nursery *Rocky Mtn Rare Plants*; editor of bulletin of the Amer Rock Garden Soc 11 years;

Book [2007] *Hardy Succulents—Tough Plants for Every Climate* North Adams, Massachusetts; Eng; 159p w many color photos by -Saxon Holt.

†**Keller**, (Dr) A; Swiss botanist; member of Count Ruspoli's expedition to Ethiopia 1891;

species nah:

(Pterodiscus) **kellerianus** (Somalia, Ethiopia, Kenya) (desc by H Schinz 1896).

Keller, (Dr) Wm John (1942–); US pharmacist; PhD at Univ of Washington, Seattle, Washington 1972; prof in medicinal chemistry & pharmaceuticals at Northeast Louisiana Univ;

Book [1972] *Studies on the Identifications & Biosynthesis of Phenethylamine Alkaloids in Coryphantha macromeris var runyonii* Seattle; Eng; 179p;

(PhD thesis),

[1982] *Biosynthetic Relationship of Phenolic & Non-Phenolic Phenethylamines in Dolichothele sphaerica* Monroe, Louisiana; Eng; 9p.



†**Kellerman**, (Prof) (Dr) Wm Ashbrook (1 May 1850–8 Mar 1908); {Kellerm.};

US botanist & mycologist; PhD from Univ of Zurich, Switzerland 1881; specialized in mycology; prof of botany & zoology at Kentucky State College, Lexington 1881–83, at State College of Agriculture in Manhattan, Kansas 1883–91 & at Ohio State Univ, Columbus 1891~; co-founded journal of mycology 1885; botanist to Ohio State Geological Survey & prepared forestry of Ohio

exhibit at Chicago World's Fair 1893; collected in Guatemala 1904~; spouse Stella Victoria [née Dennis] Kellerman (1855–);

species nah:

(Pereskioopsis) **kellermanii** (Guatemala, Campeche, Chipas, Morelos, Oaxaca, Veracruz, Yucatan) (desc & nah by JN Rose 1907).



†**Kellogg**, (Dr med) Albert (6 Dec 1813–31 Mar 1887); {Kellogg}; US physician & botanist; MD at Transylvania Univ, Kentucky; one of founders of Calif Academy of Sciences 1853; botanized in Calif w a book on Forest Trees of Calif in 1882;

desc genera

Idria (Lower Calif) 1860 (syn of Fouquieria KUNTH),

Marah (US, Mex) 1854;

disc species:

(Lewisia) **kelloggii** (Calif) 1870 (desc & nah by MK Brandegee 1894);

desc species:

(Idria) **columnaris** (Lower Calif, coastal Sonora) 1860 (disc by JA Veatch c1859) —> **Fouquieria columnaris** by MK Curran [Brandegee] 1885.



†**Kelly**, Grace Patricia (12 Nov 1929–14 Sep 1982); US actress who became Princess Grace of Monaco; married Prince Rainier III (31 May 1923–6 Apr 2005) of House of Grimaldi, ruler of Monaco, 1956; gardener; instituted a prestigious IOS award, 'Cactus d'Or', in 1978 that is presented biennially to a person that has made an outstanding contribution to the knowledge of succ plants — first one in gold to WHH Rauh 1978.



Kelly, R Warren; US horticulturist; specialist in epiphylls;

owner of nursery *Kelly's Epiphyllum Collection*, Encinitas, Calif;

Book [1980] *Kelly's Epiphyllum Collection* Encinitas; Eng; 20p w 35 color photos.

Kelter, Karl-Ernst;

Book [1993] *100 Fragen und Antworten (Kakteen und andere Sukkulente)* München, Ger; Ger;
63p w 106 color photos.

Kennedy, Hermias [**Mias**] Cornelis; {H.C.Kennedy}; RSA; collected in RSA;

species **nah**:

(Huernia) **kennedyana** (Eastern Cape) (desc & nah by JJ Lavranos 1965 & disc by HW James 1931);

disc **species**:

(Conophytum) **hermarium** (Cape?) 1966 (desc by SA Hammer 2000),

(Conophytum) **smorenskaduense** (Bushmanland) 1966 (desc by HW de Boer 1968).

desc **species**:

(Conophytum) **hammeri** [w G Williamson] (Namaq) 1997 (disc by SA Hammer 1995 & nah);

disc **subsp**:

(Conophytum smorenskaduense ssp) **hermarium** (Bushmanland) (desc & nah by SA Hammer 1991);

disc **variety**:

(Lithops fulleri var) **kennedyi** (Little Namaq) 1966 (desc & nah by HW de Boer 1967) —> **Lithops villetii**
ssp **kennedyi** by DT Cole 1988.

Kensit, HML — See HML Bolus.

Kent, Carol Miller,

Book [1979] *Aloe Vera* Arlington, Virginia; Eng; 115p.



† **Kent**, Douglas Henry (21 Mar 1920–1998); {D.H.Kent}; British botanist;

transfer **species**:

"Hoya bella" (WJ Hooker 1848) —> **Hoya lanceolata** ssp **bella** 1981.



Keppel, Johannes [**Joop**] Cornelis [Cornelius] van (1922–13 Feb 1983); {Keppel}; Netherlands;

Dutch landscape gardener; leading authority on *Echeveria* & allied genera; desc

Graptopetalum cultivars 1979; translated WHH Rauh's works into Dutch; IOS member 1963;

Book [1976] *Groot Cactussen en Vetplantenboek* [w W Koesen] Amsterdam, Netherlands; Dutch 144p,

[1977] *Das Grosse Buch der Kakteen und Sukkulente* [w W Koesen] Munich, Ger; Ger;

144p w 111 color photos.

† **Ker-Gawler**, John Bellenden [John Gawler ≈5 Nov 1804] (10 May 1764–Jun 1842); {Ker-Gawl.};
British botanist;

desc **genus**:

Chlorophytum (Africa, Mada, Asia) 1807;

desc **species**:

(Agave) **geminiflora** (Mex) 1817,

(Gesneria) **aggregata** (Brazil, Paraguay) 1818 —> **Sinningia aggregata** by HJ Wiehler 1975,

(Gesneria) **bulbosa** (Rio de Janeiro) 1818 —> **Sinningia aggregata** by HJ Wiehler 1978,

(Portulaca) **foliosa** (Tropical Africa) 1824;

transfer **species**:

"Littaea geminiflora" (G Tagliabue 1816) —> **Agave geminiflora** 1817,

"Ornithogalum paradoxum" (NJ von Jacquin 1796) —> **Eriospermum paradoxum** 1811.



† **Keraudren**, [later Keraudren-Aymonin,] (Dr) Monique (8 Dec 1928–25 May 1981); {Keraudr.}; French anatomist, taxonomist & palynologist; botanist at Muséum Natl d'Histoire Naturelle, Paris, France; specialized on Cucurbitaceae & flora of Mada; spouse Gérard-Guy Aymonin (1934–), French botanist in Paris;
desc genera:

Odosicyos (Mada) 1981,

Seyrigia (Mada) 1960 (na A Seyrig);

species nah:

(Stapelianthus) **keraudreniae** (Mada) (desc & nah by JM Bosser & P Morat 1971);

desc species:

(Corallocarpus) **perrieri** (Mada) 1960 (na JMH Perrier de la Bathie),

(Odosicyos) **bosseri** (Mada) 1981 (na J Bosser),

(Kedrostis) **dissecta** (Mada) 1961,

(Seyrigia) **bosseri** (Mada) 1962 (na J Bosser),

(Seyrigia) **gracilis** (Mada) 1960,

(Seyrigia) **humbertii** (Mada) 1960 (na J-H Humbert),

(Seyrigia) **marnieri** (Mada) 1967 (na JLE Marnier-Lapostolle),

(Seyrigia) **multiflora** (Mada) 1960,

(Xerosicyos) **decaryi** [w A Guillaumin] (Mada) 1960 (na R Decary),

(Xerosicyos) **pubescens** (Mada) 1964;

subsp nah:

(Cynanchum lineare ssp) **keraudreniae** (Mada, Comoro Islands) (desc & nah by SL Liede 1996).

† **Kerber**, Edmund; Ger collector in Mex;

disc species:

(Cereus) **kerberi** (Colima) 1880 (desc & nah by KM Schumann 1897) —> **Stenocereus kerberi** by

AC Gibson & KE Horak 1979.

† **Kerchove de Denterghem**, Oswald Charles Eugène Marie Ghislain de (1 Apr 1844–20 Mar 1906); Belgian horticulturist, botanist, politician & administrator; interested in palms & orchids;

species nah:

(Agave) **kerchovei** (Hidalgo, Oaxaca, Puebla) (desc & nah by AC Lemaire 1864).

Kerkham, Andrew S; RSA botanist;

Book [1988] *Southern African Bot Literature 1600–1988* Cape Town, RSA; Eng; 256p w 10 color plates.

† **Kerner**, Johann Simon von (25 Feb 1755–13 Jun 1830); {J.Kern.}; Ger botanist; prof of botany at Univ of Stuttgart, Ger;

transfer species:

"Geranium lanceolatum" (AJ Cavanilles 1787) —> **Pelargonium lanceolatum** 1822.



† **Kerr**, (Dr med) Arthur Francis George (1877–1942); {Kerr}; Irish physician & botanist; graduate at Trinity College, Dublin, Ireland; medical officer in Siam (Thailand) 1902–20 & government botanist 1920~; collected in Siam; FLS 1923;

Book [1931] *Florae Siamensis Enumeratio* [w W Craib] Bangkok, Thailand; Eng; 100p;

species nah:

(Euphorbia) **kerrii** (Myanmar, Thailand) (desc & nah by WG Craib 1911),

(Hoya) **kerrii** (China, Cambodia, Laos, Vietnam, Thailand, Java) (desc & nah by WG Craib 1911);

disc species:

(Kalanchoe) **dixoniana** (Thailand) (desc by Raymond-Hamet 1914 & na H Dixon);

desc species:

(Hoya) **erythrostemma** (Myanmar, Malaysia, Thailand) 1939,

(Hoya) **pachyclada** (Thailand) 1939.



Kers, (Dr) Lars Erik (19 Nov 1931–); {Kers}; Swedish botanist;

PhD at Stockholm Univ 1972; interest in taxonomy of flowering plants;

assistant in dept of botany at Stockholm Univ 1962–72; worked at

Bergius Bot Garden, Stockholm, Sweden 1973~; collected in Namibia & Angola 1963 & 1972;

desc species:

(Stapelia) **parvula** (Angola) 1969;

desc variety:

(Stapelia schinzii var) **angolensis** (Namibia, Angola) 1969.

Kerzner, Sol; RSA holiday resort owner;

disc species:

(Brachystelma) **kerzneri** (Eastern Cape) (desc & nah by R Peckover 1995).



† **Kesselring**, Friedrich **Wilhelm** (6 Sep 1876–15 Mar 1966); {Kesselnr.}; Darmstadt, Ger; gardener in St Petersburg & in 1918 garden inspector at Darmstadt Bot Gardens; specialized in succ; founding member of IOS 1950;

variety nah:

(Echeveria elegans var) **kesselringiana** (Mex) (desc & nah by JKL von Poellnitz 1936).

Kessler, (Dr) Michael (3 Jul 1967–); Ger biologist;

desc subsp:

(Rhipsalis baccifera ssp) **cleistogama** [w PL Ibisich & WA Barthlott] (Bolivia) 2000 (disc by M Kessler 1997).

† **Ketron**, Donna W; US; interested in Portulacaceae;

transfer species:

"Portulaca coronata" (JK Small 1896) —> **Portulaca umbraticola** ssp **coronata** [w JF Matthews] 1991,

"Portulaca lanceolata" (G Engelmann 1850) —> **Portulaca umbraticola** ssp **lanceolata** [w JF Matthews]

1991.

Khalid, Abdulkadir;

disc species:

(Caralluma) **lamellosa** [w MI Thulin, A Dahir & A Osman] (Somalia) 2001 (desc by MG Gilbert & MI Thulin 2005) —> **Pleuralluma lamellosa** by DCH Plowes 2008.

Khalid, [Khalid bin Sultan bin Abdul Azziz Al Saud,] HRH; prince of Kingdom of Saudi Arabia;

species nah:

(Huernia) **khalidbinsultanii** (Saudi Arabia) (desc by DCH Plowes & TA McCoy 2003 & disc by TA McCoy 1999).

Kharadze, AL - See **Charadze**, AL.

† **Khokhryakov**, Andrej Pavlovich (2 Sep 1933–25 May 1998); {A.P.Khokhr.}; Russian botanist; graduate at Moscow State Univ 1957; worked at bot garden of Soviet Science Academy, at botany dept, Research Institute, Magadan 1970–85 & at Moscow State Univ bot garden 1985–98; scientiv advisor of Moscow Cactus Club; one of founders & first editor of journal *Sukkulenty* 1998;

desc species:

(Sedum) **paradoxum** [w VN Voroschilov] (Siberia) 1970 → **Orostachys paradoxa** by SK Czerepanov 1995.



† **Kidd**, [née Maytham,] Mary Catherine (24 Jan 1914–8 Apr 2001); RSA artist & illustrator; studied at Sorbonne, France 1931–33 & at Royal Academy School, London 1936–38; spouse Hubert John Kidd (2 Dec 1896–21 Oct 1963);

Book [1950] *Wild Flowers of the Cape Peninsula* Cape Town, RSA; 189p.

† **Kiesling**, [née Lopez,] Angeles Graciela (–1985); spouse R Kiesling;

species nah:

(Trichocereus) **angelesiae** (Salta) (desc & nah by R Kiesling 1978) → **Echinopsis angelesiae** by GD Rowley 1980;

disc subsp:

(Frailea mammifera ssp) **angelesiae** [w R Kiesling] (Argentina) 1983 (desc & nah by R Kiesling & D Metzger 2006).



Kiesling, (Prof) (Dr) **Roberto** (1941–); {R.Kiesling}; Argentinian mechanical engineer, botanist & naturalist; PhD in natural sciences 1976 at Univ of La Plata & prof of biogeography 1976–96; independent scientist at Instituto de Botanica Darwinian, San Isidro, Argentina; dir & first pres of Sociedad Latinoamericana y del Caribe de Cactáceas y Suculentas 1994~; explored in Argentina & neighboring countries; IOS member 1976; CSSA Fellow award 2001;

CSSA MKLA award 2023; spouse AG Kiesling;

Book [1972] *Los Trabajos del Doctor Alberto Castellanos que Versan Sobre Cactaceas* La Plata; 385p, [1978] *El General Trichocereus (Cactaceae)* ; Spanish; 66p; (from Darwinian magazine, Vol 21); 67p,

[1984] *Recopilación, en Edición Facsimilar, de Todos Los Trabajos o Referencias Sobre Cactaceas Publicadas por....Carlos Spegazzini* Buenos Aires, Argentina ; Spanish; 248p; (editor of),

[1984] *Estudios en Cactaceae de Argentina: Maihueniopsis, Tephrocactus y Generos Afines Opuntioideae*; Spanish; 44p; (from Darwinian magazine, Vol 25),

[1990] *Cactus de la Patagonia* Buenos Aires; Spanish/Eng; 26p,

[1996] *An Annotated Checklist of the Genus Gymnocalycium PFEIFFER ex MITTLER (Cactaceae)* [w M Meregalli & D Metzger] Torino; Eng; 47p,

[1999] *Les Cactees de Bolivie = "The Cacti of Bolivia"*; French/Eng; 50p,

[2002] *A Cactus Odyssey – Journeys in the Wilds of Bolivia, Peru, & Argentina* [w J Mauseth & C Ostolaza] Portland, Oregon; Eng; 306p,

[2003] *Flora de San Juan, Republica Argentina, Vol 2* Buenos Aires, Argentina; Spanish; 256p; (includes Cactaceae),

[2007] *100 Cactus Argentinos* [w OE Ferrari] Buenos Aires; Spanish; 128p;

desc genera:

Puna (Catamarca, Mendoza, San Juan, Potosí) 1982 (syn of *Tephrocactus* LEMAIRE & *Maihueniopsis* SPEGAZZINI),

Yavia [w J Piltz] (Jujuy) 2001;

species nah:

(*Gymnocalycium*) **kieslingii** (La Rioja) (desc & nah by OF Ferrari 1985),

(*Lobivia*) **kieslingii** (Argentina) (desc & nah by W Rausch 1977) —> ***Echinopsis formosa* ssp *kieslingii*** by M Lowry 2002;

disc species:

(*Cereus*) **kroenleinii** [w MF Kroenlein] (Paraguay, Bolivia, Brazil) 1987 (desc by NP Taylor 1995 & na MF Kroenlein),

(*Gymnocalycium*) **robustum** [w OF Ferrari] (Cordoba) 1987 (desc by R Kiesling, OF Ferrari & D Metzinger 2002);

desc species:

(*Cereus*) **uruguayanus** (Argentina, Brazil, Uruguay) 1982 (disc by AL Cabrera 1965) —> ***Cereus hildmannianus* ssp *uruguayanus*** by NP Taylor 1998,

(*Gymnocalycium*) **kroenleinii** [w OE Ferrari & W Rausch] (La Rioja) 2000 (disc by OE Ferrari, R Kiesling & W Rausch 1987 & na M Kroenlein),

(*Gymnocalycium*) **mesopotamicum** (Argentina) 1980 (disc by DC Cutler & J Lonsdale 1978),

(*Lobivia*) **walteri** (Salta) 1976 (disc by him & FO Ferrari 1975 & na Walter Rausch) —> ***Echinopsis***

walteri by H von Friedrich & 4W Glaetzle 1983,

(*Parodia*) **turecekiana** (Argentina, Uruguay) 1995 (disc by him 1985 & na V Turecek),

(*Pterocactus*) **gonjianii** (Argentina) 1982 (disc by him 1971 & na B Gonjian),

(*Pterocactus*) **meglioli** (Argentina) 1971 (disc by CR Volponi 1971 & na S Meglioli),

(*Pterocactus*) **reticulatus** (Argentina) 1971,

(*Puna*) **bonnieae** [w DJ Ferguson] (Argentina) 1997 (disc by Bonnie Brunkow 1990 & nah)

—> ***Tephrocactus bonnieae*** by H Stuppy 2001,

(*Rebutia*) **gonjianii** (Jujuy) 1973 (disc by B Gonjian 1973 & nah) —> ***Rebutia einsteinii* ssp *gonjianii*** by ML Hjertson 2003,

(*Trichocereus*) **angelesiae** (Salta) 1978 (na AG Kiesling) —> ***Echinopsis angelesiae*** by GD Rowley 1980,

(*Yavia*) **cryptocarpa** [w J Piltz] (Jujuy) 2001 (disc by R Kiesling, E & V Foik 2000);

transfer species:

“*Cactus linkii*” (JGC Lehmann 1827) —> ***Parodia linkii*** 1995,

“*Gymnocalycium acorugatum*” (JG Lambert 1988) —> ***Gymnocalycium castellanosii* ssp *acorugatum*** [w D Metzinger] 2003,

“*Gymnocalycium cardenasianum*” (F Ritter 1964) —> ***Gymnocalycium spegazzinii* ssp *cardenasianum*** [w D Metzinger] 1996,

“*Opuntia glomerata*” (AH Haworth 1830) —> ***Maihueniopsis glomerata*** 1984,

“*Parodia horrida*” (FH Brandt 1979) —> ***Parodia microsperma* ssp *horrida*** [w OE Ferrari] 1990,

“*Tephrocactus minutus*” (C Backeberg 1936) —> ***Maihueniopsis minuta*** 1984;

desc subsp:

(*Frailea mammifera* ssp) **angelesiae** [w D Metzinger] (Argentina) 2006 (disc by R Kiesling & AG Lopez 1983).

Kiessling, Michael (24 Jan 1969–); Ger horticulturist; specialist in genus *Opuntia*;

Book [2000] *Tephrocactus und andere Feigenkaketeen* = "Tephrocactus & other prickly pears" [w J Poschl] Schnaitsee, Ger; Ger & Eng; 319p w 279 color photos.

Kiew, (Prof) (Dr) Ruth (1946–); {Kiew}; British botanist; to Malaysia 1969; PhD at Cambridge Univ; keeper of herbarium at Univ Pertanian Malaysia, Selangor, Malaysia; prof of biology at Putra Univ, Malaysia; keeper of herbarium & library & assistant dir of Singapore Bot Gardens; specialist in tropical begonias;

Book [1994] *Taxonomy & Phytochemistry of the Asclepiadaceae in Tropical Asia* Selangor, Malaysia ; Eng; 102p; (editor of).

Kiff, Lloyd F;

Book [1991] *A Distributional Check-List of the Genus Tillandsia* Encino, Calif; Eng; 93p.

Kiger, J;

Book [1940] *De la Constitution des Latex et Résines de Diverses Espèces d'Euphorbia* Strasbourg, France; French; 108p.

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†**Killick**, (Dr) Donald Joseph Boomer (6 May 1926–16 Apr 2008); {Killick}; Natal, South Africa botanist; PhD at Univ of Natal 1962; worked at Bot Research Institute 1950~; interest in ecology & taxonomy; FLS;

Book [1978] *The flowering Plants of Africa* Pretoria; Eng; 80p,

[1990] *A Field Guide to the Flora of the Natal Drakensberg* Johannesburg, RSA; Eng; 200p.

†**Killip**, Ellsworth Paine (2 Sep 1890–28 Nov 1968); {Killip}; US horticulturist; BA at Univ of Rochester, NY 1911; worked at US Natl Museum, Smithsonian Institution 1919–27, curator 1927–50 & research associate at dept of botany 1950–65; specialized in taxonomy of S Amer plants; collected in US, Cuba, Jamaica, Colombia, Chile, Peru & Argentina;

desc species:

(Pilea) **foliosa** (Peru) 1936.



Kimberley, Michael [Mike] John (2 May 1934–3 Jan 2020); Zimbabwean legal practitioner; one of founders of Aloe C&SS of Zimbabwe (ACSSZ) 1969; founder & editor of *Excelsa* 1969~; explorer & collector in Zimbabwe 1969~; FLS 1976; IOS member 1978; ACSSZ Fellow 1980; CSSA Fellow award 1989; spouse Rosemary [Rose] Catherine Kimberley (1937–), RSA teacher;

Book [1992] *Aloes of Zimbabwe* [w O West] Harare, Zimbabwe; Eng; 107p; (2nd rev edition of*the Aloes of Rhodesia*);

species nah:

(Monadenium) **kimberleyanum** (Zimbabwe) (desc & nah & spouse by G Williamson 2000);

variety nah:

(Aloe inyangensis var) **kimberleyana** (Zimbabwe) (desc & nah & spouse by S Carter 1996).



†**Kinnach**, Myron Wm (26 Dec 1922–21 Sep 2018); {Kimn.}; US horticulturist, San Marino, Calif; manager of bot garden at Univ of Calif, Berkeley, Calif 1951–62; succeeded W Hertrich as curator & dir at Huntington Bot Gardens, San Marino 1962–87; IOS member 1955 & honorary member 1988; one of founders of ISI in 1958 [w JW Dodson, Al Irving & Tom Juul],

created for importing, propagating & distributing rare & unusual c&s plants for collectors & to fill scientific needs; specialist on Crassulaceae & epiphytic cacti; explored in Mex, S & Central Amer, West Indies, Africa, Mada; pres of C&SS of California 1953–1954; prolific writer for CSSA journal & other periodicals; editor of CSSA *C&S Journal* 1993–2003; editor of CSSA technical yearbook *Haseltonia* 1993–2001 & managing editor 2002–2006; CSSA Fellow award 1965 & pres 1970–71; CSSA Special Service award 1987 & CSSA MKLA award 2011 named in his honor; Monaco Cactus d'Or award 2010;

Book [2014] *The Species of Epiphytic Cacti*; Eng, 18p w 27 color photos;

desc genera:

Acanthorhipsalis (S Amer) 1983 (syn of *Lepismium* PFEIFFER),

Lymanbensonia (S Amer) 1984 (na LD Benson);

species nah:

(Echeveria) **kimnachii** (Sinaloa) (desc & nah by J Meyran & R Vega 1998),

(Sedum) **kimnachii** (desc & nah by VV Byalt 1999),

(Villadia) **kimnachii** (Peru) (desc & nah by G Pino & N Cieza 2009 & disc by G Pino 2003);

disc species:

(Graptopetalum) **pentandrum** [w F Boutin] (Michoacan) 1970 (desc by RV Moran 1971),

(Pachyphytum) **kimnachii** (San Luis Potosi) 1962 (desc & nah by RV Moran 1967),

(Sedum) **furfuraceum** [w RV Moran] (San Luis Potosi) 1959 (desc by RV Moran 1961),

(Sedum) **raramuri** [w F Brandt] (Chihuahua) 1967 (desc by JAF Metzger 2004);

(Sedum) **suaveolens** [w H Sanchez Mejorada] (Durango) 1976 (desc by MW Kimnach 1978),

(Selenicereus) **atropilosus** [w F Boutin] (Jalisco) 1970 (desc by MW Kimnach 1978),

(Villadia) **acuta** (San Luis Potosi) 1962 (desc by RV Moran & CH Uhl 1991);

desc species:

(Disocactus) **lankesteri** (Costa Rica) 1979 (disc by C Lankester c1940 & nah) —> **Pseudorhipsalis**

lankesteri by WA Barthlott 1991,

(Eccremocactus) **rosei** (Ecuador) 1962 (disc by C Horich 1958 & na JN Rose) —> **Weberocereus rosei** by F Buxbaum 1978),

(Echeveria) **bakeri** (Cochabamba) 1991 (disc by W Baker 1983 & nah),

(Echeveria) **chazaroi** (Oaxaca) 1995 (disc by MW Kimnach, M Chazaro & M Negrete 1993 & na M Chazaro),

(Echeveria) **decumbens** (Peru) 1995 (disc by W Baker 1982),

(Echeveria) **diffractens** [w AB Lau] (Veracruz) 1981 (disc by AB Lau 1978),

(Echeveria) **helmutiana** (Oaxaca) 1995 (disc by MW Kimnach 1992 & na Helmut Regnat),

(Echeveria) **lilacina** [w RV Moran] (Nuevo Leon) 1980 (disc by RA Foster, CE Glass & S Osada 1971),

(Echeveria) **lyonsii** (Tamaulipas) 2007 (disc by GW Lyons 1971 & nah),

(Echeveria) **nayaritensis** (Nayarit) 1979 (disc by him 1970),

(Echeveria) **nebularum** [w RV Moran] (Veracruz, Oaxaca) 2004 (disc by ? Castillo, ? Iltis & ? Cortes 1951),

(Echeveria) **oreophila** (Cajamarca) 2002 (disc by him & R Bauer 2000),

(Echeveria) **papillosa** [w CH Uhl] (Guatemala) 1983 (disc by CH Uhl 1980),

(Echeveria) **pendulosa** [w CH Uhl] (Venezuela) 1992 (disc by CH Uhl 1982),

(Echeveria) **prunina** [w RV Moran] (Chiapas) 1981 (disc by TB MacDougall 1952),

(Echeveria) **subcorymbosa** [w RV Moran] (Oaxaca) 1994 (disc by AB Lau 1974),

(Echeveria) **unguiculata** (San Luis Potosi, Tamaulipas) 2002 (disc by CE Glass & RA Foster 1970),

(Echeveria) **utcubambensis** (Amazonas A) 2002 (disc by PC Hutchison & J Wright 1964),

(Echeveria) **wurdackii** (Amazonas A) 2002 (disc by JJ Wurdack 1962 & nah),

(Epiphyllum) **laui** (Chiapas) 1990 (disc by AB Lau 1975 & nah),

(Euphorbia) **itremensis** [w JJ Lavranos] (Mada) 2001 (disc by MW Kimnach 1995),
 (Graptopetalum) **marginatum** [w RV Moran] (Nayarit) 2002 (disc by B Ullrich 1993),
 (Graptopetalum) **saxifragoides** (Durango) 1977,
 (Heliocereus) **aurantiacus** (Nicaragua, Honduras) 1974 (disc by AH Heller 1959) —> **Disocactus speciosus** ssp **aurantiacus** by R Bauer 2003,
 (Hylocereus) **escuintlensis** (Guatemala, Chiapas) 1984 (disc by MR Birdsey 1953),
 (Pachyphytum) **caesium** [w RV Moran] (Aguascalientes) 1998 (disc by W Baker 1989),
 (Peperomia) **dolabella** [w WHH Rauh] (Peru) 1987 (disc by MW Kimnach 1984),
 (Sedum) **copalense** (Sinaloa) 1996 (disc by W Baker 1993),
 (Sedum) **suaveolens** (Durango) 1978,
 (Thompsonella) **spathulata** (Oaxaca) 1993 (disc by AB Lau 1970s),
 (Trichocereus) **arboricola** (Bolivia, Argentina) 1990 (disc by J Solomon 1983) —> **Echinopsis arboricola** by R Mottram 1997,
 (Villadia) **recurva** [w RV Moran & CH Uhl] (Guerrero, Oaxaca) 1998,
 (Weberocereus) **trichophorus** [w JH Johnson, Sr] (Costa Rica) 1963 (disc by CH Lankester c1940),
 (Werckleocereus) **imitans** [w PC Hutchison] (Costa Rica) 1956 (disc by CH Lankester c1940)
 —> **Weberocereus imitans** by F Buxbaum 1978;
transfer species:
 "Bonifazia quezalteca" (PC Standley & JA Steyermark 1944) —> **Disocactus quezaltecus** 1959,
 "Echeveria byrnesii" (JN Rose 1905) —> **Echeveria secunda** fa **byrnesii** 1998,
 "Echeveria cuicatecana" (J Reyes, J Pérez & C Brachet 2004) —> **Pachyphytum cuicatecanum** 2010,
 "Echeveria goldiana" (EE Walther 1959) —> **Echeveria halbingeri** var **goldiana** 1998,
 "Echeveria maculata" (JN Rose 1903) —> **Echeveria paniculata** var **maculata** 1998,
 "Echeveria obtusifolia" (JN Rose 1903) —> **Echeveria fulgens** var **obtusifolia** 1998,
 "Echeveria sanchez-mejoradae" (EE Walther 1972) —> **Echeveria halbingeri** var **sanchez-mejoradae** 1998,
 "Epiphyllum chrysocardium" (EJ Alexander 1956) —> **Selenicereus chrysocardium** 1991,
 "Pseudorhipsalis macrantha" (EJ Alexander 1942) —> **Disocactus macranthus** [w PC Hutchison] 1957;
subsp nah:
 (Acanthorhipsalis monacantha ssp) **kimnachii** (Cochabamba) (desc & nah by AB Doweld 2002)
 —> **Pfeiffera monacantha** ssp **kimnachii** by R Bauer 2005.
desc subsp:
 (Agave filifera ssp) **microceps** (Sinaloa) 1995 (disc by him 1976),
 (Graptopetalum paraguayense ssp) **bernalense** [w RV Moran] (Tamaulipas) 1986,
 (Graptopetalum pentandrum ssp) **superbum** (Jalisco) 1987 (disc by L Avina c1982);
disc variety:
 (Sedum versadense var) **villadioides** [w J Bauml] (Oaxaca) 1981 (desc by MW Kimnach 1982);
desc variety:
 (Disocactus nelsonii var) **hondurensis** (Honduras) 1965 (disc by him 1962) —> **Disocactus nelsonii** ssp **hondurensis** by AB Doweld 2002,
 (Echeveria colorata var) **brandtii** (Jalisco) 1980 (na FK Brandt) —> **Echeveria colorata** fa **brandtii** by MW Kimnach 1998,
 (Echeveria pringlei var) **longisepala** (Jalisco) 1998,
 (Echeveria pringlei var) **parva** (Durango) 1998,
 (Echeveria racemosa var) **citrina** (Veracruz) 1984 (disc by AB Lau 1977),
 (Epiphyllum crenatum var) **kimnachii** (Chiapas) 1967 (na him by H Bravo-Hollis) —> **Epiphyllum crenatum** ssp **kimnachii** by LU Guzman Cruz 2003,

(*Epiphyllum phyllanthus* var) **rubrocoronatum** (Colombia, Ecuador, Panama) 1964 (disc by C Horich 1958) —> **Epiphyllum phyllanthus** ssp **rubrocoronatum** by R Bauer 2003,
 (*Heliocereus aurantiacus* var) **blomianus** (Chiapas, Oaxaca) 1990 (disc by TB MacDougall 1951/52)
 —> **Disocactus speciosus** ssp **blomianus** by R Bauer 2003,
 (*Rhipsalis paradoxa* var) **catenulata** (Espírito Santo, Rio de Janeiro) 1992 (disc by JA Fowlie 1976)
 —> **Rhipsalis pacheco-leonis** ssp **catenulata** by WA Barthlott & NP Taylor 1995,
 (*Sedum versadense* var) **villadioides** (Oaxaca) 1982;

transfer variety:

"*Echeveria bella* var *major*" (EE Walther 1972) —> **Echeveria bella** fa **major** 1998.

†**King**, (Mrs) EB, Port Elizabeth, RSA; collected Haworthias;

species nah:

° (Haworthia) **kingiana** (Western Cape) (desc & nah by JKL von Poellnitz 1937).

†**King**, (Dr med) (Sir) George (12 Apr 1840–12 Feb 1909); {King}; British physician & botanist; in Bengal medical service 1865–71; superintendent of Calcutta Bot Gardens, India 1871–98; dir of bot survey of India 1891–98; explored & collected in India, Burma & Philippines 1871~; founder & first editor of *Annals of the Royal Bot Gardens* (w artist Robert Pantling (1857–1910)) in Calcutta, India 1887–98; FLS 1870; FRS 1887; Linnean Medal 1901;

Book [1907] *The Genus Hoya* [w JS Gamble]; Eng; 12p;

desc species:

(Dischidia) **astephana** [w JS Gamble] (Borneo, Malaysia) 1908.

†**King**, Gordon; RSA; mother I King;

species nah:

(Haworthia) **gordoniana** (Eastern Cape) (desc & nah by JKL von Poellnitz 1937) —> **Haworthia cooperi** var **gordoniana** by MB Bayer 1999.

†**King**, Isabella; RSA; housewife in Port Elizabeth, Eastern Cape; son Gordon King;

species nah:

(Haworthia) **isabellae** (Eastern Cape) (desc & nah by JKL von Poellnitz 1938) —> **Haworthia gracilis** var **isabellae** by MB Bayer 1999.

King, Robert S;

Book [1966] *Cactus Caprice* Tucson, Arizona; Eng; 101p.



†**Kingdon-Ward**, Francis [Frank] (6 Nov 1885–8 Apr 1958); British horticulturist, ecologist, botanist & professional explorer; explored in western China, Tibet, Burma, India 1911~; received Founders Gold Medal award from royal Geographical Soc 1930; first spouse Florinda [née Norman-Thompson] Kingdon-Ward; second spouse Jean [née Macklin] Kingdon-Ward;

species nah:

(Sedum) **kingdonii** (Myanmar) 1975 (desc & nah by H Ohba 1975).



Kingsolver, (Prof) (Dr) Robert [Rob] W; US biologist;

PhD at Univ of Kansas, Lawrence 1984; prof of biology at Kentucky Wesleyan College, Owensboro 1989–2004; dean at Bellarmine Univ, Louisville, Kentucky 2004~;

Book [1984] *Population Biology of a Mutualistic Association. Yucca glauca & Tegeticula yuccasella*; 130p; (PhD thesis).

Kinzel, Wolf;

Book [1968] *The Genus Islaya* BACKEBERG GB; 13p; (from Chileans Yearbook).

Kirby, Seth;

Book [1978] *Yucca glauca* in S Dakota Brookings, S Dakota; Eng; c35p.

Kirchoff, Kaufmann Otto;

Book [1931] *Der Kakteenfreund* Wernigerode, Ger; Ger; 64p.

†**Kirilov**, [Kirilow, Kiriloff,] Ivan [Iwan] Petrovich [Johann] (1821–11 Sep 1842); {Kir.}; Russian botanist;
species nah:

(Sedum) **kirilowii** (Kazakhstan, Tibet, China) (desc & nah by EA von Regel 1858) —> **Rhodiola kirilowii**
by EA von Regel & CJI Maximowicz 1859;

desc species:

(Umbilicus) **alpestris** [w GS Karelin] (Afghanistan, Pakistan, Kashmir, India, Tibet, central Asia) 1842
—> **Rosularia alpestris** by AG Borissova 1939.



†**Kirk**, (Dr med) (Sir) John (19 Dec 1832–15 Jan 1922); {J.Kirk}; Scottish colonial administrator, philanthropist, physician (surgeon), botanist & naturalist; MD at Edinburgh 1854; accompanied David Livingstone (19 Mar 1813–1 May 1873) as physician & naturalist on Zambezi expedition to central Africa 1858–63; colonial administrator at British Protectorate, Zanzibar 1866–81 & 1883–87 & then back to Eng 1888~; collected in Malawi, Mozambique, Tanzania, Zambia, Somalia & Turkey; FLS 1864; FRS 1887; son JWC Kirk;

species nah:

(Modecca) **kirkii** (Kenya, Tanzania, Zanzibar) (desc & nah by MT Masters 1871) —> **Adenia kirkii** by HGA Engler 1891,

(Synadenium) **kirkii** (Malawi) (desc & nah by NE Brown 1911);

disc species:

(Aloe) **cryptopoda** (Botswana, Zimbabwe, Zambia, Malawi, Mozambique, Mpumalanga, Limpopo, North-West) 1859 on Zambezi Expedition w David Livingstone (desc by JG Baker 1884),

(Aloe) **zanzibarica** (early 1890s) (desc by EWB Milne-Redhead 1947),

(Caralluma) **somalica** (Somalia) c1887 (desc by NE Brown 1895),

(Huernia) **aspera** (Tanzania, Kenya, Malawi) ~1887 (desc by NE Brown 1887),

(Sansevieria) **kirkii** (Malawi, Tanzania, Zanzibar) (desc & nah by JG Baker 1887),

(Sarcocodon) **speciosa** (Somalia, Kenya, Tanzania, Uganda, Sudan, Ethiopia) 1875 (desc by NE Brown 1878) —> **Caralluma speciosa** by NE Brown 1892.



†**Kirk**, John Wm Carnegie (21 Jan 1878–7 Mar 1962); {J.W.C.Kirk}; British soldier & amateur botanist; soldier in s Africa attaining rank of Lt Col; collected in s Africa; father (Sir) John Kirk;

disc species:

(Euphorbia) **davyi** (North-West, Botswana) c1900 (desc by NE Brown 1915 & na J Burt-Davy),

(Huernia) **kirkii** (Zimbabwe, Mozambique, Limpopo, Natal, Mpumalanga) (desc & nah by NE Brown 1909).

†**Kirk**, Ruth; US writer & naturalist; first spouse Louis Kirk (–1992); second spouse Richard Daugherty;

Book [1956] *Exploring Death Valley* Palo Alto, Calif; Eng; 88p,
[1973] *Desert: The Amer SW* Boston, Massachusetts; Eng; 361p.

†**Kirk**, Thomas (18 Jan 1828–8 Mar 1898); {Kirk}; Eng botanist to New Zealand 1862;
lecturer at Wellington College & at Lincoln Agricultural College 1874–85; chief conservator of forests
1885~; collected in New Zealand; FLS 1871; spouse Sarah Jane [née Mattocks] Kirk;

species nah:

(Tillaea) **kirkii** (New Zealand) (desc & nah by HHB Allan 1961) —> **Crassula kirkii** by AP Druce &
DR Given 1984;

desc species:

(Tillaea) **helmsii** (Australia, Tasmania, New Zealand) 1899 (disc by R Helms ≈1899 & nah) —> **Crassula
helmsii** by LC Cockayne 1907.

Kishore Kumar, K (fl. 2001); {Kishore}; India;

desc species:

(Brachystelma) **swarupa** [w DJ Goyder] (India) 2001 (na K Swarupanandan).

{Kit Tan}, — See **Tan**, Kit.

†**Kitagawa**, Masao (1910–1995); {Kitag.}; Japanese botanist & pteridologist; in Manchuria ≈1940 &
at Biological Institute, Yokohama Natl Univ, Japan 1940~;

desc variety:

(Sedum selskianum var) **glabrifolium** —> **Sedum aizoon** fa **glabrifolium** by YC Zhu 1989).



Klaassen, Paul Johan Christiaan (10 May 1953–); Dutch botanist;
work in Dorking & then Durrington, Eng; collected in US 1997, Brazil 1999,
Chile 2001, 2003, 2004 & 2006, & Argentina 2005; member of BCSS 1988~;

Book [1999] *The Plantfinder's Guide to C&OS* [w K Grantham] Portland, Oregon; Eng; 192p.

Klackenberg, (Dr) Jens (1951–); {Klack.}; Swedish botanist; PhD at Stockholm Univ 1985;
curator at Swedish Museum of Natural History, Stockholm 1995~; collected in Sri Lanka & India 1977–82,
in Mada 1987 & in Caucasus 1982–83; specialist in Asclepiadaceae & Gentianaceae; interested in flora &
biogeography of Mada;

transfer species:

"Pentopetia graminifolia" (J-L Costantin & E-I Gallaud 1907) —> **Ischnolepis graminifolia** 1999.

†**Kladiwa**, (Dr med) Leo (17 Mar 1920–30 Dec 1987); {Kladiwa}; Austrian physician &
cactus researcher; MD at Univ of Graz 1949; pres of Austrian Cactus Soc 1954–60; IOS member 1963;
spouse Ingeborg Kladiwa;

desc genus:

Normanbokea [w F Buxbaum] 1969 (na NH Boke) (syn of Turbinocarpus).

Klak, Cornelia (1968–); {Klak}; Ger botanist at Bolus Herbarium, Univ of Cape Town, RSA; MS in plant
systematics at Univ of Cape Town 1997; spouse PV Bruyns;

Book [1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w GF Smith, P Chesselet,
EJ van Jaarsveld, HEK Hartmann, SA Hammer, B van Wyk, P Burgoyne & H Kurzwell] Pretoria, RSA; Eng; 405p;

desc genera:

Caulipsolon (Namaq to Western Cape) 1998 (anagram of Psilocaulon),

Phiambolia (RSA) 2003 (anagram of Amphibolia);

desc species:

(Acrodon) **deminutus** (Western Cape) 2003 (disc by PV Bruyns 1996),
(Brownanthus) **fraternus** (Western Cape) 2000,
(Brownanthus) **glareicola** (Western Cape) 2000,
(Brownanthus) **lignescens** (Little Namaq) 2003,
(Cleretum) **bruynsii** (Northern Cape) 2012 (disc by him 2011 & na PV Bruyns),
(Cleretum) **patersonjonesii** (Northern Cape) 2012 (disc by C Paterson-Jones & nah),
(Drosanthemum) **quadratum** (Western Cape) 2003 (disc by PV Bruyns 1999),
(Hammeria) **cedarbergensis** (Western Cape) 2008 (disc by C Klak 2006),
(Lampranthus) **procumbens** (Little Namaq) 2003,
(Leipoldtia) **gigantea** (Northern Cape) 2008 (disc by PV Bruyns 2005),
(Mesemb) **bulletrapense** (Northern Cape) 2008 (disc by C Klak 2006),
(Phiambolia) **mentiens** (Western Cape) 2003,
(Phiambolia) **longifolia** (Western Cape) 2008 (disc by HML Bolus 1932),
(Phiambolia) **similis** (Western Cape) 2003 (disc by C Klak 2006),
(Ruschia) **albida** (Western Cape) 2008 (disc by HML Bolus 1938),
(Ruschia) **magnifica** (Western Cape) 2008 (disc by C Klak 2006),
(Ruschiella) **cedrimontana** (Western Cape) 2008 (disc by C Klak 2001),
(Scopelogenia) **bruynsii** (Northern Cape, Western Cape) 2000 (na PV Bruyns);

transfer species:

"Amphibolia stayneri" (HR Tolken & JP Jessop 1976) —> **Phiambolia stayneri** 2003,
"Lampranthus franciscii" (HML Bolus 1961) —> **Phiambolia franciscii** 2003,
"Lampranthus mucronatus" (HML Bolus 1966) —> **Esterhuysenia mucronata** 2003,
"Lampranthus simulans" (HML Bolus 1954) —> **Erepsia simulans** 2003,
"Mesemb dunense" (OW Sonder 1862) —> **Erepsia dunensis** 2000,
"Mesemb meleagre" (HML Bolus 1928) —> **Hammeria meleagris** 2000,
"Mesemb persistens" (HML Bolus 1931) —> **Phiambolia persistens** 2003,
"Mesemb rapaceum" (NJ von Jacquin 1800–09) —> **Caulipsolon rapaceum** 1998,
"Mesemb unicum" (HML Bolus 1928) —> **Phiambolia unca** 2003,
"Mesemb viatorum" (HML Bolus 1922) —> **Antimima viatorum** 2003,
"Ruschia excedens" (HML Bolus 1954) —> **Antimima excedens** 2000,
"Ruschia incumbens" (HML Bolus 1930) —> **Phiambolia incumbens** 2003,
"Stoeberia hallii" (HML Bolus 1960) —> **Phiambolia hallii** 2003.

Klapper, Ingo (fl 1998); Ger cactus hobbyist;

disc species:

(Echnocereus) **klapperi** (Sonora, Chihuahua) 1983 (desc & nah by W Blum 1998).

† **Klatt**, Friedrich Wilhelm (13 Feb 1825–3 Mar 1897); {Klatt}; Ger botanist & systematist;
studied African plants;

desc species:

(Senecio) **barbertonicus** (Northern Prov, Mpumalanga) 1896.

Klaveness, Johannes (4 Dec 1870–); spouse Magna (31 Mar 1882–);

Book [1901] *Studien Über die Natal– und die Uganda-Aloe* Bern, Ger; Ger; 47p.

† **Klein**, (fl. 1859–1860s); {Klein bis.}; Ger;

desc species:

(Echinocactus) **buekii** (Nuevo Leon) 1859 (na HW Buek) —> **Thelocactus buekii** by NL Britton & JN Rose 1923.



† **Klein**, Jacob Theodor (15 Aug 1685–27 Feb 1759); {Klein}; Prussian jurist, historian, mathematician, botanist, zoologist & naturalist; founded bot garden *Ogrod Botaniczny w Oliwie* in Danzig, Ger 1718; wrote illustrated pamphlet on *Senecio kleinia* & was first to flower this succ; member of London Royal Soc; spouse Anna Katharina [née Reyger] Klein (1683–);

Book [1730] *An Tithymaloides, frutescens, foliis Nerii... nec Cacalia nec Cacaliastrum... (Senecio kleinia)* Gedani; 8p; **species nah:**

(Cacalia) **kleinia** (Canary Islands) (desc & nah by C Linnaeus 1753) —> **Senecio kleinia** by CF Lessing 1831;

desc species:

(Echinocactus) **conothelos** [w EA von Regel] (Tamaulipas, San Luis Potosi, Nuevo Leon) 1860 —> **Thelocactus conothelos** by FM Knuth 1936.

Kleiner, Ewald; Ger horticulturist;

Book [1983] *Mein Stacheliges Hobby—Kakteen* Stuttgart, Ger; Ger; 111p,
[1985] *Winterharte Sukkulente: Kakteen, Hauswurz, Mauerpfeffer* Stuttgart; Ger; 80p,
[1987] *Kakteen (110 Arten in Farbe)* Stuttgart; Ger; 128p,
[1992] *Alles über Kakteen* [w H Dopp, M Hartwig, U Bauer & M Romig] Offenburg; 66p.
[1992] *Kakteen Drinnen und Draussen* = "Kakteen inside & outside" Stuttgart; Ger;
72p w 25 color photos.

Klett, Mark;

Book [2007] *Saguaros* Sante Fe, New Mexico; Eng; 75p.

Klineberg, Otto;

Book [1972] *El Peyote y Los Huicholes* [w S Nahmad Sitton, PT Furst & BG Myeroff] Mex City, Mex; Spanish; 196p.

Klinger, Padre; Bolivia Franciscan monk;

disc species:

(Gymnocalycium) **chiquitanum** (Santa Cruz B) (desc by M Cardenas 1963).

† **Klinker**, Christian (c1868–); Ger horticulturist in Schleswig; interested in cactus;

species nah:

(Turbinicarpus) **klinkerianus** (Mex) (desc & nah by C Backeberg & HJH Jacobsen 1948)
—> **Turbinicarpus schmiedickeanus** ssp **klinkerianus** by NP Taylor 1998.

† **Klissing**, Carl Ludwig, Jr; Ger horticulturist & nursery owner; financed H Baum's collecting trips to Mex 1925;

species nah:

(Mamm) **klissingiana** (Tamaulipas) (desc & nah by F Boedeker 1927 & disc by P Montemayor & H Baum 1925);

disc species:

(Echinocactus) **schmiedickeanus** (Tamaulipas) 1927 (desc by F Boedeker 1928 & na K Schmiedicke)
—> **Turbinicarpus schmiedickeanus** by F Buxbaum & C Backeberg 1937.

† **Klixbull**, [Klixbüll,] Knud Brandt (25 Dec 1878–25 Mar 1938); Danish horticulturist & gardener; head gardener in Copenhagen; spouse Helga Theresa [née Dalskov] (27 Dec 1879–15 Dec 1966);

Book 1933] *Mit Kaktusvindue* Copenhagen, Denmark; Danish; 96p,
[1934] *Mitt Kaktus-Fonster* Stockholm, Sweden; Swedish; 89p.

Klopfenstein, Olivier (1964–); Frenchman to Switzerland & then to Peru 1997; forester & amateur botanist; interested in orchids & succ; explored in Peru 1997~; founding member of Association of Bot Garden of San Marcos, Cajamarca, Peru;

species nah:

(Villadia) **klopfensteinii** (Peru) (desc & nah by G Pino & N Cieza 2009 & disc by PC Hutchison 1964);

disc species:

(Peperomia) **selenophylla** [w N Cieza] (Peru) 2003 (desc by G Pina & N Cieza 2012),

(Villadia) **paniculata** [w N Cieza] (Peru) 2002 (desc by G Pino & N Cieza 2009);

desc species:

(Peperomia) **columnaris** [w G Pino] (Amazonas A) 2005 (disc by PC Hutchison 1964),

(Peperomia) **licicensis** [w G Pino] (Peru) 2003 (disc by C Brunt 2000),

(Peperomia) **strawii** [w G Pino] (Peru) 2004 (disc by PC Hutchison 1964 & na RM Straw);

desc variety:

(Peperomia dolabriformis var) **grandis** [w G Pino] (Amazonas A) 2005 (disc by PC Hutchison 1964),

(Peperomia hartwegiana var) **minutifolia** [w G Pino] (Peru) 2004 (disc by G Pino 2003).



Kloppenburg, Robert Dale (26 Jan 1921–); {Kloppenb.}; US horticulturist;

BS in plant genetics at Univ of Calif, Berkeley 1948; plant breeder & yard manager at Armstrong Nurseries, Ontario, Calif 1948–51; research agronomist at Northrup King Company 1971–86;

explored & collected Hoya species in Western & Amer Samoa, Guadalcanal, n Australia, Java,

Celebes, Malaysia, Borneo, Indonesia, Philippines & other islands in the Pacific Ocean; specialist in

genus Hoya; awarded Life Member of International Hoya Association 2000;

Book [1991] *Philippine Hoya Species (A Monograph)* Medford, Oregon; Eng; 103p; (rev edition 2001; 367p),

[1992] *Hoyas of Northeastern New Guinea* Medford; Eng; 101p,

[1992] *The Hoya Handbook - A Guide for the Grower & Collector* [w A Wayman] Medford, Oregon; Eng;

108p w 144 color photos,

[1993] *(Dr) Schlechter's Hoya Species* Fresno, Calif; Eng; 166p,

[1993] *Hoya Sections: A Complete Study* Medford; 51p,

[1995] *Dictionary of Hoya Terminology* Vista, Calif; Eng; (in 2 Parts);

Part 1, 64p;

Part 2, 15p,

[1996] *Hoya Pollinaria - A Photographic Study* Fresno; Eng; 259p; (2004 rev edition;

357p w 200 color photos),

[1997] *Hoya Literature* Fresno; Eng; (in 5 parts);

Part 1, 114p;

Part 2, 188p;

Part 3, 184p;

Part 4, 183p;

Part 5, 296p,
 [1998] *Hoyas - Show & Tell* Fresno; Eng; (in 2 Parts);
 Part 1, 22p;
 Part 2, 96p,
 [1999] *The World of Hoyas – A Pictorial Guide* Fresno; Eng; 260p,
 [2000] *Hoya Basics: A Beginner's Guide to Growing & Caring for Hoyas* Vista; Eng;
 44p w 13 color photos,
 [2002] *Hoya Section: Acanthostemma* Fresno; Eng; 161p,
 [2002] *Samoan Hoya Species* Fresno; Eng; 276p w 200 color photos,
 [2003] *Hoya Sections: A Complete Study w Modifications & Additions* Fresno; Eng; (in 2 Parts);
 Part 1, 33p;
 Part 2, 18p,
 [2004] *Hoya Calyx - A Photographic Study* Fresno; Eng; 328p w over 600 color photos,
 [2005] *The World of Hoyas — A Pictorial Guide* Central Point, Oregon; Eng; 260 p w 100 color photos;

desc species:

(Hoya) **crassicaulis** (Philippines) 1996,
 (Hoya) **heuschkeliana** (Philippines) 1989 (na ? Heuschkel).



Klopper, [née Visser] Ronell Renett (26 Jan 1974–); {Klopper}; RSA botanist;
 MSc at Univ of Pretoria 2000; specializes in ferns & Asphodelaceae;
Book [2011] *The Aloe Names Book (Strelitzia 28 edition)* [w OM Grace, E Figueiredo, GF Smith]
 Pretoria, RSA; Eng; 232p w 313 color plates;

desc species:

(Aloe) **hahnii** [w GF Smith] (Limpopo) 2009 (disc by N Hahn 2007 & nah),
 (Aloe) **jeppeae** [w GF Smith] (Free State) 2013 (disc by GPJ Fritz 2009 & na BJ Jeppe),
 (Aloe) **neilcrouchii** [w GF Smith] (KwaZulu-Natal) 2010 (disc by NR Crouch & I Johnson 2009 & na
 Neil R Crouch).

†**Kloss**, Cecil Boden (28 Mar 1877–19 Aug 1949); British ethnologist, zoologist & naturalist; to Malaysia
 1908; worked in museum at Kuala Lumpur, Malaysia 1908–23; dir of Raffles Museum at Natl Univ of Singapore
 1923–32; explored in Malaysia & Indonesia at times w HN Ridley; interested in birds & mammals;

species nah:

(Dischidia) **klossii** (Malaysia, Thailand) (desc & nah by HN Ridley 1951) —> **Dischidia acutifolia** ssp
klossii by RE Rintz 1980.

†**Klotzsch**, Johann Friedrich (9 Jun 1805–5 Nov 1860); { Klotzsch}; Ger pharmacist, botanist &
 mycologist; curator at Royal Herbarium in Berlin 1833–60;;

desc genera:

Hechtia (Mex, Texas) 1835,
Pachyphytum [w JHF Link & CF Otto] (Mex) 1841;

desc species:

(Agave) **revoluta** (Mex state) 1840,
 (Arthrothamnus) **brachiatus** (Western Cape) 1860 (disc by JF Drege c1830) —> **Euphorbia brachiata**
 by PE Boissier 1862,
 (Arthrothamnus) **burmannii** (Cape) 1860 (na NL Burmann) —> **Euphorbia burmannii** by PE Boissier
 1860,
 (Euphorbia) **angularis** (Goa Island of Mozambique) 1861 (disc by WKH Peters c1844),

(Mesemb) **guianense** (Guiana) 1848,
 (Pachyphytum) **bracteosum** [w JHF Link & CF Otto] (Hidalgo) 1841 (disc by CA Ehrenberg 1838),
 (Pedilanthus) **parasiticus** [w CAF Garcke] (Yucatan, Jamaica, Greater Antilles) 1860 —> **Pedilanthus tithymaloides** ssp **parasiticus** by RL Dressler 1957,
 (Tithymalus) **ecklonii** [w CAF Garcke] (Western Cape) 1860 (disc by WJ Burchell 1815 & na CF Ecklon) —
 > **Euphorbia ecklonii** by HE Baillon 1863.



† **Kluge**, (Dr) Manfred (31 Jul 1936–17 Jul 2015); Ger botanist; PhD at Technical Univ of Darmstadt 1964; botanist at Institute für Botanik der Technischen Hochschule, Darmstadt, Ger; collected Kalanchoe in Mada 1988 for study of Crassulacean acid metabolism;
Book [1978] *Crassulacean Acid Metabolism (Analysis of an Ecological Adaption)* [w IP Ting] Berlin, Ger; Eng; 209p.

Klugling, [Klügling,] Konrad; Ger; worked at Bot Gardens at Halle an der Saale, Ger;
Book [1987] *Winterharte Kakteen* [w F Kummel] Leipzig; 215p,
 [1989] *25 Jahre Fachgruppe Kakteen und Sukkulente Halle im Kulturbund der DDR* [w W Stempel, B Boger, R Dehn & W Marx] Leipzig; 16p.

† **Kluth**, APF (fl. 1935);
disc species:
 (Bergeranthus) **concaus** (Eastern Cape) 1935 (desc by HML Bolus 1938).

† **Kluver**, [Klüver,] (Prof) (Dr) Heinrich (25 May 1897–8 Feb 1979); Ger to US 1923; PhD in psychology at Stanford Univ, Palo Alto, Calif 1924; experimented in animal & human behavior & with mescaline; contributed to neuroanatomy; prof of psychology at Univ of Minnesota, Columbia Univ & Univ of Chicago; first spouse Cessa [née Feyerabend] Kluver; second spouse Harriet [née Schwenk] Kluver;
Book [1928] *Mescal (The Divine Plant & its Psychological Effects)* London, Eng; Eng; 111p,
 [1966] *Mescal & Mechanisms of Hallucinations* Chicago, Illinois; 108p.

† **Knauer**, (Dr) Fr; Ger horticulturist;
Book [1906] *Die Kakteen* Berlin-Leipzig, Ger; Ger; 96p.



Knebel, Curt [Kurt] (16 Jun 1871–10 Sep 1954); Ger horticulturist & nurseryman in Erlau, Ger 1894~; hybridizer of Epiphyllums; spouse Selma (19 Jul 1873–?);
Book [1949] *Phyllocactus* Pasadena, Calif; Eng; 63p,
 [1951] *Phyllokakteen* Potsdam, Ger; Ger; 90p w 16 color photos.

† **Knippel**, Karl [Carl] von (-9 Nov 1925); Ger horticulturist & gardener; gardener in Klein-Quenstedt, Halbstadt; dealer in cacti; spouse ? died 1910;
Book [1910] *Preisverzeichnis Über Kakteen und Andere Sukkulente Pflanzen*; Ger; 62p,
 [1911] *Kalender der Kakteenpflege* Frankfurt, Ger; Ger; 37p,
 [1916] *Leitfaden zur Pflege der Kakteen* Frankfurt-Oder, Ger; Ger; 24p;

species nah:
 (Echinocereus) **knippelianus** (Coahuila, Nuevo Leon) (desc & nah by C Liebner 1895),
 (Mamm) **knippeliana** (Morelos) (desc & nah by L Quehl 1907).

Knishinsky, Ran (1971–); Arizona; professional writer & researcher; studied at

Arizona State University; founder of NutraConsulting firm 2002;

Book 2004] *Prickly Pear Cactus Medicine: Treatments for Diabetes, Cholesterol, & the Immune System*
Rochester, Vermont US; Eng; 136p.

Knize, Karel (7 Oct 1941–8 Jan 2018); {Knize}; Czech succ nurseryman; to Lima, Peru 1967;
collected in Peru & received succ from Bolivia, Chile & Argentina;

Book [1977] *Cactaceae. Index to Field Numbers of Collected Specimens in Central S Amer 1967–77* Lima, Peru;
Eng; 39p,

[1987] *KK-Index 1967–87* Lima; 99p;

desc genus:

Cintia [w J Riha] (Bolivia) 1995 (syn of *Rebutia* SCHUMANN);

disc species:

(*Rebutia*) **cintia** (Bolivia) 1987 (desc by ML Hjertson 2003);

desc species:

(*Weberbauerocereus*) **cuzcoensis** (Peru) 1969.



† **Knobel**, Johann Christian (17 Jun 1879–); Molepolole, Botswana; missionary, naturalist,
trader & hunter; collected succ plants; brother JCJ Knobel;

disc species:

(*Stapelia*) **knobelii** (Northern Cape, North-West, Free State) c1929 (desc & nah by
EP Phillips 1930) —> **Orbea knobelii** by PV Bruyns 2001.



† **Knobel**, Jurgens CJ (May 1881–); dir of prisons, Pretoria, RSA 1927–32; collected succ
plants; brother JC Knobel;

disc species:

(*Euphorbia*) **knobelii** (North-West) c1933 (desc & nah by CL Letty 1934).

† **Knoblecher**, J (fl. ≈1848); collected around Ethiopia area;

disc species:

(*Ceropegia*) **nilotica** (Senegal to RSA) ≈1848 (desc by CGT Kotschy 1865).

† **Knobloch**, (Dr) Irving Wm (1 Mar 1907–1999); {Knobloch}; US plant cytologist, anatomist &
morphologist; PhD in biology at Iowa State College 1942; prof at Michigan State Univ, East Lansing 1945–76;
collected in Canada, US, Mex & Central Amer 1937~; spouse Natalie Agatha [née Mueller];

Book [1983] *A Preliminary Verified List of Plant Collectors in Mex* New Jersey; Eng; 179p.

† **Knowlton**, Fred [Fitz] G (c1882–1958); US at Bayfield, Colorado; corresponded w LD Benson;

disc species:

(*Pediocactus*) **knowltonii** (Colorado) 1958 (desc & nah by LD Benson 1960).

† **Knox**, Alice Adelaide;

Book [1908] *The Induction, Development & Heritability of Fasciations* DC; Eng; 20p w 5 plates; (pub w book is
"The Topography of the Chlorophyll Apparatus in Desert Plants" by WA Cannon).

† **Knox-Davies**, CN (fl. 1935);

disc species:

(Delosperma) **knox-daviesii** (Gauteng) 1935 (desc & nah by MG Lavis 1966).



† **Knuth**, [Knuthenborg,] Frederik [Frederic] Marcus (5 May 1904–14 Jun 1970); {F.M.Knuth}; Danish Count & cactus nurseryman from Knuthenborg; friend of C Backeberg; collected cacti in Mex; spouse Christa Theodora Marie Nanna [née Lund] (1900–1971);

Book [1928] *Kaktusbogen* Copenhagen, Denmark; Danish; 114p,
[1930] *Den Nye Kaktusbogen* Copenhagen; Danish & Swedish; 136p,
[1931] *Den Stora Kaktusboken for Amatorer och Specialister* Stockholm, Sweden; Swedish; 139p,
[1935] *Kaktus—ABC* [w C Backeberg] Copenhagen, Denmark; Danish; 432p;

desc genera:

Corynopuntia (US, Mex) 1936,

Cylindropuntia (US, Mex, Venezuela, Netherlands Antilles, Cuba, Dominican Rep, Haiti, Trinidad, Tobago) 1936 (credit for name given to GT Engelmann as a subgenus of *Opuntia* 1856),

Rhodocactus (Mex, Costa Rica, Haiti, Venezuela, Colombia, Brazil) 1936 (syn of *Pereskia* MILLER);

species nah:

(*Echinocactus*) **knuthianus** (San Luis Potosi) (desc & nah by F Boedeker 1930) → **Turbinicarpus saueri** ssp **knuthianus** by JM Luthy 2000;

transfer species:

"*Cactus tunicata*" (JG Lehmann 1827) → **Cylindropuntia tunicata** 1936,
"*Cereus californicus*" (J Torrey & A Gray 1840) → **Cylindropuntia californica** 1936.
"*Cereus imbricatus*" (AH Haworth 1821) → **Cylindropuntia imbricata** 1936,
"*Echinocactus conothelos*" (EA von Regel & JT Klein 1860) → **Thelocactus conothelos** 1935,
"*Echinocactus hastifer*" (E Werdermann & F Boedeker 1931) → **Thelocactus hastifer** 1936,
"*Echinocactus vaupelianus*" (E Werdermann 1931) → **Stenocactus vaupelianus** 1936.
"*Neomammillaria guerreronis*" (H Bravo-Hollis 1932) → **Mamm guerreronis** [w C Backeberg] 1936,
"*Neomammillaria hutchisonana*" (HE Gates 1934) → **Mamm hutchisoniana** [w C Backeberg] 1936,
"*Opuntia acanthocarpa*" (GT Engelmann & JM Bigelow 1854) → **Cylindropuntia acanthocarpa** 1936,
"*Opuntia alcahes*" (FAC Weber 1895) → **Cylindropuntia alcahes** 1936,
"*Opuntia arbuscula*" (GT Engelmann 1856) → **Cylindropuntia arbuscula** 1936,
"*Opuntia bigelovii*" (GT Engelmann 1856) → **Cylindropuntia bigelovii** 1936,
"*Opuntia bulbispina*" (GT Engelmann 1856) → **Corynopuntia bulbispina** 1936,
"*Opuntia caribaea*" (NL Britton & JN Rose 1919) → **Cylindropuntia caribaea** 1936.
"*Opuntia cholla*" (FAC Weber 1895) → **Cylindropuntia cholla** 1936,
"*Opuntia clavata*" (GT Engelmann 1848) → **Corynopuntia clavata** 1936,
"*Opuntia davisii*" (GT Engelmann & JM Bigelow 1856) → **Cylindropuntia davisii** 1936,
"*Opuntia echinocarpa*" (GT Engelmann & JM Bigelow 1856) → **Cylindropuntia echinocarpa** 1936,
"*Opuntia fulgida*" (GT Engelmann 1856) → **Cylindropuntia fulgida** 1936,
"*Opuntia grahamii*" (G Engelmann 1856) → **Corynopuntia grahamii** 1936.
"*Opuntia invicta*" (TS Brandegees 1889) → **Corynopuntia invicta** 1936,
"*Opuntia kleiniae*" (AP de Candolle 1928) → **Cylindropuntia kleiniae** 1936,
"*Opuntia leptocaulis*" (AP de Candolle 1828) → **Cylindropuntia leptocaulis** 1936,
"*Opuntia moelleri*" (A Berger 1929) → **Corynopuntia moelleri** 1936,
"*Opuntia molesta*" (TS Brandegees 1889) → **Cylindropuntia molesta** 1936,
"*Opuntia parishii*" (CR Orcutt 1896) → **Corynopuntia parishii** 1936,
"*Opuntia prolifera*" (GT Engelmann 1852) → **Cylindropuntia prolifera** 1936,

“Opuntia pulchella” (GT Engelmann 1863) —> **Corynopuntia pulchella** 1936,
 “Opuntia ramosissima” (GT Engelmann 1852) —> **Cylindropuntia ramossissima** 1936,
 “Opuntia schottii” (GT Engelmann 1856) —> **Corynopuntia schottii** 1936,
 “Opuntia tesajo” (JM Coulter 1896) —> **Cylindropuntia tesajo** 1936,
 “Opuntia thurberi” (GT Engelmann 1856) —> **Cylindropuntia thurberi** 1936,
 “Opuntia versicolor” (JM Coulter 1896) —> **Cylindropuntia versicolor** 1936,
 “Opuntia vilis” (JN Rose 1909) —> **Corynopuntia vilis** 1936,
 “Opuntia whipplei” (GT Engelmann & JM Bigelow 1856) —> **Cylindropuntia whipplei** 1936;

transfer variety:

“Echinocactus electracanthus var haematacanthus” (JFM Salm-Dyck 1850) —> **Ferocactus haematacanthus** [w C Backeberg] 1936,
 “Opuntia whipplei var spinosior” (GT Engelmann 1856) —> **Cylindropuntia spinosior** 1936.

†**Knuth**, (Dr) Paul Erich Otto Wilhelm (20 Nov 1854–30 Oct 1899); {Knuth}; Ger botanist & teacher; PhD at Greifswald Univ 1876; high school teacher at Iserlohn in Westphalia 1876–81 & at Kiel 1881~; specialist in flower biology; explored in Java, Japan, US & S Amer;

species nah:

(Euphorbia) **knuthii** (Mozambique into Mpumalanga, Swaziland, Natal) (desc & nah by FA Pax 1904 & disc by FRR Schlechter c1895).

†**Knuth**, (Dr) **Reinhard** Gustav Paul (17 Nov 1874–25 Feb 1957); {R.Knuth}; Ger botanist; PhD at Berlin Univ 1902, a student of HGA Engler; high school teacher at Breslau 1900–05 & at Berlin 1905–37; research associate at Botanisches Museum, Berlin-Dahlem;

desc species:

(Monsonia) **glauca** (Northern Cape, Namibia, Kenya, Tanzania, Zimbabwe, Botswana) 1907,
 (Monsonia) **natalensis** (Natal) 1912,
 (Oxalis) **herrerae** (Peru) 1930 (na FL Herrera),
 (Oxalis) **paucartambensis** (Peru) 1930,
 (Pelargonium) **dasyphyllum** (Northern Cape, Western Cape) 1912;
 (Pelargonium) **dolomiticum** (Northern Cape, North-West, Limpopo, Free State, Gauteng, Mpumalanga, Namibia, Botswana) 1908,
 (Pelargonium) **grandicalcaratum** (Northern Cape, Western Cape, Namibia) 1918,
 (Pelargonium) **hermansdorpense** (Western Cape) 1930,
 (Pelargonium) **klingshardtense** (Tanganyika) 1922,
 (Pelargonium) **leipoldtii** (Cape) 1912,
 (Pelargonium) **otaviense** (Namibia) 1912,
 (Pelargonium) **ovatostipulatum** (Western Cape) 1912 —> **Pelargonium stupulaceum** ssp
ovatostipulatum by PJ Vorster 1981,
 (Pelargonium) **tenuicaule** (Northern Cape) 1938,
 (Pelargonium) **worcesterae** (Eastern Cape) 1908,
 (Pelargonium) **xerophyton** (Northern Cape, Namibia) 1912,
 (Sarcocaulon) **multifidum** (Namibia, Northern Cape) 1912 —> **Monsonia multifida** by F Albers 1996.

Kobayashi, Hiroshi (1937–); Japan; Japanese horticulturist; VP of C&SS of Japan; founder of ISI of Japan 1998; IOS member 1989;

Book [1992] C&S [w T Kozima] Kyokai, Japan; 152p.

[1995] C&OS; Japanese; 175p w 395 color photos,

[2004] *Succ*; Japanese; 254p w 1,281 color photos.

Kobayashi, Kimio (1948–); Japanese horticulturist;

Book [2004] *Fantastic Strong Spined Cacti* Japan; Japanese; 172p w 507 color photos.

†**Koch**, C;

Book [1862] *Monographie des Agavees*; French; 49p.



†**Koch**, (Dr) Charles (6 Jan 1904–23 Feb 1970); Austrian entomologist; curator at Prince Alessandro Della Torre e Tasso museum, Trieste 1929–36; curator of entomology at Frey Museum, Lutzing, Ger 1937–48; PhD at Munich Univ 1947; to Namibia w Smithsonian-Peabody expedition 1949 & stayed; founder & dir of Namib Desert Research Station (Namib Research Institute) at Gobabeb in 1962; explored & collected in Namibia, RSA, Somalia & Mada; C Bornman was an early colleague;

species **nah**:

(Caralluma) **kochii** (Somalia) (desc & nah by JJ Lavranos 1971 & disc by JJ Lavranos 1969).

Koch, KE;

Book [1979] *Photosynthesis & Water Relations in Succ Plants*; 114p.



†**Koch**, (Prof) (Dr med) Karl [**Carl**] Heinrich Emil (6 Jun 1809–25 May 1879); {K.Koch}; Ger physician, botanist, dendrologist & horticulturist; MD at Würzburg 1833; prof at Univ of Jena 1836–1846 & at Univ of Berlin 1847~; explored & collected in central Asia 1837–38 & 1843–44; botanist at Berlin Bot Garden 1849~;

desc species:

(Agave) **funkiana** [w CD Bouche] (Hidalgo, San Luis Potosi, Nuevo Leon) 1860,

(Agave) **inaequidens** (Mex) 1860,

(Agave) **ferox** (Oaxaca, Puebla, Mex state) 1860 —> **Agave salmiana** var **ferox** by HS Gentry 1982,

(Beschorneria) **yuccoides** (Hidalgo) 1859,

(Beschorneria) **dekosteriana** (Hidalgo, Puebla, Veracruz) 1864 —> **Beschorneria yuccoides** ssp

dekosteriana by A Garcia-Mendoza 1993,

(Furcraea) **bedinghausii** (Mex) 1863 (na HJ Bedinghaus),

(Furcraea) **selloa** 1863,

(Yucca) **funifera** (Coahuila, Nuevo Leon) 1862 —> **Hesperaloe funifera** by WA Trelease 1902;

transfer species:

"**Alibrexia gayana**" (C Gaudichaud 1851) —> **Nolana gayana** 1855.



Koch, (Prof) (Dr) Kerstin (8 May 1981–); {Kirstin Koch}; Ger botanist; PhD in biology at Botanical Institute for Systemic & Biodiversity, Bonn Univ, Ger 2001; prof of botany at Nees Institute for biodiversity of plants, Univ of Bonn 2001~;

desc species:

(Aloe) **koenenii** [w JJ Lavranos] (Jordan) 2006 (disc by M Koenen 1982 & nah).



†**Koch**, Ludwig Konrad Albert (27 Jan 1850–18 May 1938); {L.K.A.Koch}; Ger botanist; prof of botany at Univ of Heidelberg;

Book [1879] *Untersuchungen über die Entwicklung der Crassulaceen* Heidelberg, Ger; Ger; 139p + 16 plates; on genus *Sedum*.

†**Koch**, Max (17 Jul 1854–1 Apr 1925); {Max Koch}; Ger photographer; to Australia 1878; farmhand, sawmill worker & plant seed collector in Australia;

disc species:

(Aizoon) **kochii** (South Australia) (desc & nah by R Wagner 1904) → **Gunniopsis kochii** by RJ Chinnock 1983.



†**Koch**, (Prof) (Dr med) Wilhelm Daniel Joseph (5 Mar 1771–14 Nov 1849); {W.D.J.Koch}; Ger physician & botanist from Kusel; MD at Giessen 1794; physician at Kaiserslautern 1797–24; prof of medicine & botany at Univ of Erlangen 1824~;

desc genus:

Jovisbarba [w FC Mertens] (Europe) 1831 → **Jovibarba** by PM Opiz 1852;

desc species:

(Sempervivum) **arenarium** (Austria, Italy, Slovenia) 1837 → **Sempervivum globiferum** ssp **arenarium** by H 't Hart & B Bleij 1999,

(Sempervivum) **wulfenii** [w FC Mertens] (eastern Alps) 1831.

Kock, Dennis de;

Book [2007] *Stapeliad Checklist* RSA; Eng; 124p w lots of colored photos.

Koechlin, Jean;

Book [1974] *Flore et Vegetation de Madagascar* [w J-L Guillaumet & P Morat]; French; 687p.



†**Koelman**, Arthur [At] (14 Feb 1915–17 Jul 1994); RSA schoolteacher & horticulturist; MSc at Univ of Pretoria, RSA 1978; a founding member of Succ Soc of S Africa 1962 & its chairman 1962-1973 & editor of its Aloe journal Dec 1963 for about 4 yrs; Aloe hybridizer; spouse Maria [Ria] MJ Koelman (1917–1993);

disc species:

(Haworthia) **koelmaniorum** (Cape) 1963 (desc & nah & spouse by AA Obermeyer & DS Hardy 1967).

†**Koelz**, (Dr) Walter Norman (11 Sep 1895–24 Sep 1989); US zoologist & oriental art collector; PhD in zoology at Univ of Michigan 1920; collected in India, Tibet, Persia & Nepal for Univ of Michigan herbarium & zoology museum & for USDA;

species nah:

(Pseudosedum) **koelzii** (Iran) (desc & nah by C-A Jansson 1970).



Koen, Kevin; RSA conservationist, ecologist & succulent enthusiast; running a plant nursery in Calitzdorp, RSA;

disc species:

(Gasteria) **koenii** (Western Cape) 2010 (desc & nah by EJ van Jaarsveld 2017).

Koenen, Manfred; Ger horticulturist at Bonn Univ bot garden;

disc species:

(Aloe) **koenenii** (Jordan) 1982 (desc & nah by JJ Lavranos & K Koch 2006).

Koesen, Wim;

Book [1976] *Groot Cactussen en Vetplantenboek* [w J Keppel] Amsterdam, Netherlands; Dutch; 144p,

[1977] *Das Grosse Buch der Kakteen und Sukkulenten* [w JC van Keppel] Munich, Ger; Ger; 144p w 111 color photos.

Kofler, C (fl. 1966);

species nah:

(Delosperma) **kofleri** (Lesotho) (desc & nah by MG Lavis 1966).

Kohlein, [Köhlein,] Fritz; Ger horticultural writer;

Book [1977] *Freilandsukkulanten* Stuttgart, Ger; Ger; 287p w 105 color photos.

† **Koidzumi**, Gen'ichi [Geniti, Gen-Iti] (1 Nov 1883–21 Dec 1953); {Koidz.}; Japanese botanist & phytogeographer; prof of plant taxonomy at Kyoto Univ, Japan;

desc species:

(Sedum) **rosulatobulbosum** (Korea, Japanese islands Hachijojima & Amamioshima) 1938.

Kok, (Dr) Peter [Pieter] Daniel François (19 Apr 1944–); {Kok}; Namibian botanist;

PhD at Pretoria Univ 1969; lecturer in dept of botany, Pretoria Univ 1969~;

desc variety:

(Cussonia paniculata var) **sinuata** [w WF Reyneke] (Free State, Natal, Gauteng) 1987.

Kolarik, Jiri (20 Feb 1957–); {Kolarik}; Czech Rep; specialist in Opuntioideae & Argentina cacti;

desc species:

(Notocactus) **arnostianus** [w K Lisal] (Rio Grande do Sul) 1986 (na Arnost Janousek) —> **Parodia arnostiana** by A Hofacker 1998.



† **Kolbe**, (Fr) Friedrich [Frederick] Carl [Charles] (28 Sep 1854–12 Jan 1936); RSA priest (1882), philosopher, author & botanist in Cape Town; explorer & collector; friend of H Bolus, P MacOwen, HWR Marloth, IB Pole-Evans & A Pegler;

species nah:

(Mesemb) **kolbei** (Western Cape) (desc & nah by HML Bolus 1922) —> **Jacobsenia kolbei** by HML Bolus & MHG Schwantes 1954.

Kolektiv, A;

Book [1989] *Zeleni Jezci* = "The Green Hedgehogs" [w V Lobko & S Peleska] Prague, Czech Rep; Czech; 253.

Koller, AL;

Book [1987] *A Structural & Histochemical Study of Leaf Anatomy in Sansevieria (Agavaceae) w Emphasis on Water-Storage Tissues* Davis, Calif; 146p.



† **Komarov**, Vladimir Leontjevich [Leontyevich] (13 Oct 1869–5 Dec 1945); {Kom.}; Russian botanist & geographer; co-editor of *Flora URSS* (Flora of USSR) 1934~; pres of Academy of Sciences of USSR 1936~; Komarov Bot Institute, St Petersburg nah;

desc species:

(Sedum) **litorale** (Popov Island off eastern Russia) 1932 —> **Phedimus litoralis** by H 't Hart 1995,

(Sedum) **ussuriense** (eastern Siberia & Ussuri in Russia) 1916 → **Hylotelephium ussuriense** by H Ohba 1977;

variety nah:

(Sedum aliciae var) **komarovii** (China) (desc & nah by Raymond-Hamet 1912) → **Orostachys aliciae** var **komarovii** by H Ohba 1999.

Konarska, [Konarska-Szubska,] A;

Book [1976] *Kakzusy I Inne* Warsaw, Poland; Polish; 112p.

† **Kondo**, (Dr) Norio (28 Apr 1915–1997); Japanese cytologist & Euphorbia enthusiast; PhD at Tokyo Univ of Agriculture, Japan 1939; prof of breeding research at Tokyo Univ of Agriculture 1939; dir of Research Institute of Evolutionary Biology, Tokyo; collected in Mada, Comoro Islands, Mauritius & RSA;

species nah:

(Euphorbia) **kondoi** (Mada) (desc & nah by WHH Rauh & A Razafindratsira 1989 & disc by A Razafindratsira 1986).

† **Kondracki**, Eugen;

Book [1874] *Beitrage zur Kenntnis der Aloe; Und Werthbestimmung ihrer Wichtigeren Handelssorten* Dorpat; 84p; (reprint 2010 w 92p).

Konigs, [Königs,] Günther (fl. 1992); {Konigs};

Book [1985] *Ein Beitrag zum Studium des Artenkomplexes um Notocactus ubelmannianus* = “An Addition to the Studies of the Notocactus ubelmannianus Complex” [w H Franssen, J Hovens & G Buchner] Lottum, Netherlands; Ger; 30p.



Konings, (Dr) Adrianus [**Ad**] Franciscus Johannes Marinus Maria (11 Jan 1956–); The Netherlands to Germany to US in El Paso, Texas 1996~; biologist, ichthyologist & photographer; PhD in medical biology at Univ of Amsterdam, The Netherlands 1980; specializes in tropical freshwater fish; study with cacti after move to US; spouse G Konings;

Book [2009] *Cacti of Texas in Their Natural Habitat* [w G Konings]; Eng; 216p w 550+ color photos.



Konings, [née Dudin] (Dr) Gertrud; Germany to US 1996~; biologist & teacher in El Paso, Texas 1996~; PhD in biology at Free Univ Berlin, Ger; teacher at El Paso Community College, Texas; newsletter editor of El Paso Cactus & Rock Club; spouse A Konings;

Book [2009] *Cacti of Texas in Their Natural Habitat* [w A Konings]; Eng; 216p w 550+ color photos.

Konop, Radovan;

Book [1987] *Netresky: Rody Sempervivum a Javibarba* Prague, Czech Rep; Czech; 327p.

Koo Yan Ming, (Miss); Taiwanese horticulturist;

Book [1993] *C&S* [w Yang Ya Tang & Yueh Tu Chih] Taipei, Taiwan; Taiwanese; 160p w 206 color photos.

† **Koolwijk**, Antonius Johannes van (9 Oct 1836–14 Nov 1913) Dutch missionary & archaeologist at islands of Aruba, Bonaire & Curacao, Netherlands Antilles 1871–1886 & collected there; researcher of Indian rock art in Netherlands Antilles;

species nah:

(*Melocactus*) **koolwijkianus** (Netherlands Antilles, Cuba) (desc & nah by WFR Suringar 1886 & disc by WFR Suringar 1884–85) —> **Melocactus curvispinus** ssp **koolwijkianus** by G Thomson 2002.

Koornakov, NI;

Book [1953] *Kaktusii* [w V Dyakonov] Leningrad, Russia; Russian.

Korevaar, LC;

Book [1963] *Wat Betekent die Naam (Verklaring Botanische Namen van de Succulente Planten)* Den Haag; 132p.

Koroleva, Margarita Romanovna; Russian at Academician Roman Bot Garden in Kiev;

Book [1982] *Kaktusy* [w DN Schirobokova & ON Golodnyak] Kiev, Ukraine; Russian; 184p w 409 color photos.



Kosanin, [Kôsanin,] (Prof) (Dr) **Nedeljko** [Nedelyko] (13 Oct 1874–22 Mar 1934); {Kôsanin}; Serbian physiologist & phytogeografist; PhD at Laboratory of Plant Physiology 1905; prof of botany at Univ of Belgrade; manager of *Jevremovac Bot Garden*, Belgrade; founder of 'Bulletin of the Institute of Botany & Botanical Garden' 1928; spouse Adolfine [née Kaufler] Kosanin;

disc species:

(*Sempervivum*) **kosanini** (Macedonia) 1925 (desc by RL Praeger 1930 & nah).

† **Kosteletzky**, (Dr med) Vincenz Franz (13 Mar 1801–18 Aug 1887); {Kostel.}; Czech Rep botanist & bot writer in Prague; MD c1828 at Univ of Prague & prof of botany 1828~; wrote monumental work on medicinal plants;

transfer species:

"*Jenkinsonia antidysenterica*" (CF Ecklon & CLP Zeyher 1835) —> **Pelargonium antidysentericum** 1836.

† **Kotschoubey**, Prince Vasilli [Basily] Viktorovitch von (13 Jan 1812–22 Oct 1850); Russian Minister of Interior, numismatist & patron of horticulture; supported WF von Karwinsky's expedition to Mex 1840–43;

species nah:

(*Anhalonium*) **kotschoubeyanum** (Nuevo Leon, Queretaro, San Luis Potosi, Tamaulipas, Zacatecas) (desc & nah by AC Lemaire 1845 & disc by WF von Karwinsky c1840) —> **Ariocarpus kotschoubeyanus** by KM Schumann 1897.

† **Kotschy**, Karl [Carl] Georg Theodor (15 Apr 1813–11 Jun 1866); {Kotschy}; Austrian botanist & clergyman; plant explorer & collector in the Orient 1835–43; curator of herbarium at Vienna Natural History Museum 1852~;

species nah:

(*Sedum*) **kotschyanum** (Iran) (desc & nah by PE Boissier 1845);

desc species:

(*Ceropegia*) **nilotica** (Senegal to RSA) 1865 (disc by J Knobler ≈1848),

(*Dracaena*) **ombet** [w JJ Peyritsch] (Sudan, Ethiopia, Djibouti, Eritrea) 1867.

(*Euphorbia*) **candelabrum** (Sudan, Ethiopia into eastern Africa) 1857 (disc by ? Tremaux 1853),

(*Euphorbia*) **venenifica** (Sudan, Uganda, Ethiopia, Zaire) 1857,

(*Umbilicus*) **lampusae** (Cyprus) 1865 —> **Sedum lampusae** PE Boissier 1872,

(*Sedum*) **porphyreum** (Cyprus) 1865 —> **Sedum eriocarpum** ssp **porphyreum** by H 't Hart 1996,

(*Sempervivum*) **pittonii** [w ACV Schott & CF Nyman] (Austria) 1854 (na JC Pittoni),

(Umbilicus) **microstachyus** (Cyprus) 1865 —> **Sedum microstachyum** by PE Boissier 1872.



Koutnik, (Dr) **Daryl** Lee (1951–); {Koutnik}; US to RSA 1982 to US 1985; BS in mathematics 1975; PhD thesis on plant systematics at Univ of Calif, Davis, Calif 1982; taxonomist at Bolus Herbarium at Univ of Cape Town, RSA 1982–85; desert garden curator at Huntington Bot Garden, San Marino, Calif 1985–?; curator of ornamental horticulture at Los Angeles County Arboretum, Calif; prof of taxonomy at Univ of Calif, Riverside; dir of environmental review section,

Regional Planning Agency, Los Angeles; IOS member 1984;

Book [2004] *Cotyledon & Tylecodon* [w EJ van Jaarsveld] Hatfield, RSA; Eng; 156p w over 130 color photos & 79 watercolor paintings; illustrations by E Bodley & Lisa Stracham;

transfer species:

“*Euphorbia onoclada*” (E Drake del Castillo 1903) —> ***Euphorbia leucodendron* ssp *onoclada*** [w WHH Rauh] 1998.

Kozima, Takayasu (1932–); Japanese horticulturist;

Book [1992] *C&S* [w H Kobayashi] Kyokai, Japan; Japanese; 152p w 203 color photos.



† **Kraehenbuehl**, [Krähenbühl,] Felix (9 Aug 1917–4 Aug 2001); Swiss horticulturist in Arlesheim, Switzerland; joined Swiss Cactus Soc 1933 & pres 1953–59; journal writer in *Kakteen und andere Sukkulente* 1959–91; explored several times w spouse in Mex 1966 to 1998; IOS member 1971; spouse Heidi Kraehenbuehl;

disc species:

(Mamm) **heidiae** [w H Kraehenbuehl] (Puebla) 1974 (desc by H Krainz 1975 & na Heidi Kraehenbuehl) —> **Mamm *zephyranthoides* ssp *heidiae*** by JM Luthy 2000,

(Pseudomammillaria) **kraehenbuehl**ii (Oaxaca) 1968 (desc & nah by H Krainz 1971) —> **Mamm *kraehenbuehl*ii** by H Krainz 1971.



Kraehenbuehl, [Krähenbühl,] Heidi; spouse F Kraehenbuehl;

species nah:

(Mamm) **heidiae** (Puebla) (desc & nah by H Krainz 1975 & disc by F & H Kraehenbuehl 1974) —> **Mamm *zephyranthoides* ssp *heidiae*** by JM Luthy 2000.

† **Kraeusel**, [Kräusel,] (Dr) Richard; (29 Aug 1890–25 Nov 1966); Ger paleobotanist; PhD at Breslau Univ 1913; dir of botany & paleobotany at Senckenberg Natural History Museum & Research Institute, Frankfurt, Ger 1920~; collected in s & SW Africa 1953–54 & 1963, in Brazil 1956–57 & in India 1960–61; honorary doctorate at Univ of Durham, Eng 1963;

species nah:

(Commiphora) **kraeuseliana** (Namibia) (desc & nah by HH Heine 1956).

Krahn, Wolfgang Werner (24 Jan 1939–); {Krahn}; Ger insurance broker & photographer; explored in Peru, Bolivia & Nicaragua 1964; collected *Sulcorebutias* in Bolivia; interested in epiphytic cacti; IOS member 1986; spouse Rocio Krahn;

species nah:

(Borizactus) **krahnii** (Amazonas A) (desc & nah by JD Donald 1979 & disc by PC Hutchison & W Krahn 1964) —> **Matucana *krahnii*** by R Bregman 1986,

(Peperomia) **wolfgang-krahnii** (Peru) (desc & nah by WHH Rauh 1986 & disc by WHH Rauh);

disc species:

(Peperomia) **maijeri** (Peru) 1979 (desc by G Pino 2012 & na R Maijer);

desc species:

(Hildewintera) **colademononis** [w L Diers] (Bolivia) 2003 (disc by E Heger) —> **Cleistocactus colademononis** by R Mottram 2006,

(Parodia) **hegeri** [w K Beckert & L Diers] (Bolivia) 2005 (disc by W Krahn & na E Heger);

disc subsp:

(Cleistocactus winteri ssp) **colademono** (Santa Cruz B) 2000 (desc by DR Hunt 2005).



† **Krainz, Hans** (13 May 1906–30 May 1980); {Krainz}; Swiss horticulturist & cactus researcher, Zurich, Switzerland; first curator of Municipal State Succ Collection of Zurich 1931–72; editor of *Sukkulentenkunde*, yearbook of Swiss Cactus Soc 1947–63; founding member of IOS 1950, secretary 1953–54 & treasurer 1961–68; CSSA Fellow award 1975;

Book [1930] *Kakteen (Die Welt Der Pflanze III)* Lahn, Ger; 63p,

[1931] *Städtische Sukkulanten - Sammlung Zurich* [w P Zbinden] Zurich, Switzerland; Ger; 194p; (catalog of Zurich state collection),

[c1945] *Aufbau und Pflege Einer Kakteen-Sammlung*; Ger; 24p,

[1945] *Neue und Seltene Kakteen ans der Städtischen Sukkulanten-Sammlung Zürich* Munsingen, Ger; Ger; 23p,

[1956–75] *Die Kakteen* [w F Buxbaum & W Andreae] Stuttgart, Ger; Ger; (Vols 1–11, in 63 parts of 16p each),

[1958] *Sukkulanten* Zurich, Switzerland; Ger; 131p w 60 paintings by Pia Roshardt;

genus nah:

Krainzia (Durango) (desc & nah by C Backeberg 1938) (syn of Mamm HAWORTH);

species nah:

(Ceropegia) **krainzii** (Canary Islands) (desc & nah by ER Sventenius 1954) —> **Ceropegia dichotoma** ssp **krainzii** by PV Bruyns 1986,

(Copiapoa) **krainziana** (Antofagasta) (desc & nah by F Ritter 1963 & disc by F Ritter 1954),

(Toumeyia) **krainziana** (Queretaro) (desc & nah by G Frank 1968) —> **Turbinicarpus pseudomacrochele** ssp **krainzianus** by CE Glass 1997;

desc species:

(Mamm) **heidiae** (Puebla) 1975 (disc by F & H Kraehenbuehl 1974 & na Heidi Kraehenbuehl) —> **Mamm zephyranthoides** ssp **heidiae** by JM Luthy 2000,

(Mamm) **marksiana** (Sinaloa, Durango) 1948 (na H Marks),

(Mamm) **mathildae** [w F Kraehenbuehl] (Queretaro) 1973 (disc by Mathilde Wagner 1968 & nah),

(Mamm) **pennispinosa** (Coahuila, Durango) 1948 (disc by F Schwarz),

(Pseudomammillaria) **kraehenbuehlII** (Oaxaca) 1971 (disc by F Kraehenbuehl 1968 & nah) —> **Mamm kraehenbuehlII** by H Krainz 1971;

transfer species:

"Gymnocereus amstutziae" (WHH Rauh & C Beckeberg 1957) —> **Browningia amstutziae** 1965,

"Neocardenasia herzogiana" (C Backeberg 1949) —> **Neoraimondia herzogiana** [w F Buxbaum] 1967.

Kramer, Jack (1927–); US horticulturist; writer of gardening books;

Book [1962] *The distribution of saguaro (Cereus giganteus Engelm.)*; Eng; 120p; MS thesis, Arizona State Univ, Tempe,

[1970] *Succ & Cactus* Menlo Park; Eng; 80p,

[1974] *Cacti as Decorative Plants* NYC; Eng; 115p,

[1977] *C&OS* NYC; Eng; 159p w 67 color photos by Don Worth,

[1995] *A Passion for Cactus* Kansas City, Kansas; Eng; 63p.

Kramer, RJ; US; MS at Arizona State Univ, Tempe 1962;

Book [1962] *The Distribution of Saguaro (Cereus giganteus Engelm.) in Relation to Certain Soil Characteristics*; 120p; (MS thesis).

† **Krapohl**, HJC (fl. 1908); Cape Town, RSA land surveyor; interested in succ; sent plants to HWR Marloth;

disc species:

(Aloe) **krapohlina** (Northern Cape, Western Cape) (desc & nah by HWR Marloth 1908),

(Euphorbia) **filiflora** (Namaq) c1910 (desc by HWR Marloth 1913).

Krasnov, EA;

Book [1979] *Plants of the Family of Stonecrops* Tomsk; 208p.

Krasucka, ?Werner?;

disc species:

(Mamm) **beiselii** [w KW Beisel] (Colima, Michoacan) 1978 (desc by L Diers 1979 & na KW Beisel) —>

Mamm karwinskiana ssp **beiselii** by DR Hunt 1997.

† **Kraus**, FS;

Book [1908] *Untersuchungen über die Kakteen* Leipzig; 30p.



† **Kraus**, (Prof) (Dr) **Gregor** Konrad Michael (9 May 1841–14 Nov 1915); {Kraus}; Ger physiological botanist; PhD at Würzburg 1866; prof of botany at Erlangen 1869–73, at Halle 1873–98 & at Würzburg 1898–14;

Book [1886] *Stoffwechsel Bei Den Crassulaceen*; Ger; 86p.

Kraus, Peter (fl. 1955); Toledo, Chile;

disc species:

(Chileorebutia) **krausii** (Atacama, Antofagasta) (desc & nah by F Ritter 1960) —> **Eriosyce krausii** by

RM Ferryman 2003.

Kraus, RG;

Book [1993] *Ökophysiologie Chilenischer Kakteen* Munchen, Ger; 301p + 16 color plates; (thesis).

Krause, (Dr) ?; Bot Institute of Breslau;

variety nah:

(Haworthia coarctata var) **krausii** (RSA) (desc & nah by FP de Resende 1943).

† **Krause**, Johan Wilhelm Kurt (20 Apr 1883–19 Sep 1963); {K.Krause}; Ger botanist; worked for HGA Engler at Berlin Botanic Garden 1905–?; prof of botany at Univ of Ankara, Turkey 1933–39; collected in Turkey 7 times between 1914 & 1932 & 1933–39; back to Ger 1939; specialist in genus Philodendron;

desc species:

(Sansevieria) **braunii** [w HGA Engler] (Tanzania) 1910 (na CPJ Braun).



† **Krauss**, (Dr) Christian Ferdinand Friedrich von (9 Jul 1812–15 Sep 1890); Ger botanist, zoologist & scientist; PhD at Heidelberg Univ 1836; collected in RSA 1838–40; dir of Stuttgart Natural History Museum, Ger 1840~;

species nah:

(Aloe) **kraussii** (Natal) (desc & nah by JG Baker 1880).

† **Kreuzinger**, Kurt G (18 Apr 1905–23 Dec 1989); {Kreuz. or Kreuzgr.}; Czech engineer & horticulturist; owner of succ nursery *Firma K Kreuzinger*; member of Ger Cactus Soc 1926, wrote journal articles; friend of AV Fric;

Book [1935] *Verzeichnis Amerikanischer und Andere Sukkulente mit Revision der Systematik der Kakteen* Eger; 48p,

[1935] *Abablehnung der Deutschen Kakteen-Gesellschaft* [w AV Fric] Berlin, Ger; 16p;

desc genera:

Arequipiopsis [w AFH Buining] 1941 (syn of *Oreocereus* RICCOBONO),

Cylindrorebutia [w AV Fric] 1938 (syn of *Rebutia* K SCHUMANN);

transfer species:

"*Ariocarpus strobiliformis*" (E Werdermann 1927) → ***Pelecyphora strobiliformis*** 1935,

"*Cereus viperinus*" (FAC Weber & A Roland-Gosselin 1904) → ***Peniocereus viperinus*** by 1935.

Krhovska, [Krhovská,] Sylva;

Book [1994] *Plantes du Desert* [w R Subik & J Gratias] Paris, France; 128p,

[1994] *Miniaturní pouste* = "Miniature Deserts" [w J Gratias & R Subik] Prague; 128p w 135 color photos,

[1995] *Kakteen und Sukkulente* [w R Subik & J Gratias] Erlangen; 128p,

[1997] *Kaktusy I Drugiye Sukkulenty* [w J Gratias & R Subik] Moscow, Russia; 128p w 131 color photos.

† **Krieger**, Richard;

Book [1914] *Kakteen — Tell Pflege und Anzucht* Leipzig, Ger; Ger; (Part 1, 80p; Part 2, 46p).

† **Kriel**, Frederick Hendrik (15 Aug 1891-16 Oct 1973); RSA school teacher;

disc species:

(*Aloinopsis*) **acuta** (Cape) 1939 (desc by HML Bolus 1958).



Kristen, Martin (1951–); Switzerland to Austria to Mexico; photographer; explored in Mex & US southwest; interested in Crassulaceae & Agavaceae families; spouse J Etter;

disc species:

(*Sedum*) **kristenii** (Durango) (desc & nah by J Reyes-Santiago, O Gonzalez-Zorzano &

J Etter 2012);

desc species:

(*Echeveria*) **juliana** [w O Gonzalez-Zorzano & J Reyes-Santiago] (Sinaloa) 2012 (disc by J Etter & M Kristen 2010 & na Julia Etter).



Kritzing, Johan Jakob [Kobus] (1953–); RSA permaculturist & conservation official; BA at Univ of Stellenbosch 2004; teacher at Hermanus High School 2007–10; works at Cape Dept of Nature Environmental Conservation 2011~;

disc species:

(*Tylecodon*) **kritzingeri** [w EJ van Jaarsveld] (Northern Cape) (desc & nah by EJ van Jaarsveld

1983);

desc species:

(Aloe) **komaggasensis** [w EJ van Jaarsveld] (Northern Cape) 1985 → **Aloe strata** ssp **komaggasensis** by HF Glen & DS Hardy 1987;

disc subsp:

(Conophytum taylorianum ssp) **rosynense** [w EJ van Jaarsveld] (Cape) 1980 (desc by SA Hammer 1993).

Krizman, (Dr) Richard Donald (1931–); USA; PhD in ecology & zoology at

Univ of Arizona, Tucson 1972; spouse Geraine Krizman;

Book [1964] *The Saguaro Tree-Hole Microenvironment in S Arizona* Tucson, Arizona; Eng; 70p; (MS thesis).

† **Krock**, JJ;

Book [1855] *Cacteen in Ihrem Ganzen Umfange*; Ger; 256p.



† **Kroenlein**, Marcel Felix (20 Apr 1928–5 Aug 1994); Monaco horticulturist in Monte Carlo; horticultural engineering degree at École Nationale Supérieur d'Horticulture de Versailles 1953; assistant dir 1954, curator 1955–70 & succeeded Louis Vatrican as dir 1970–93 of Monaco's "Jardin Exotique"; editor of French journal *Succulentes* 1977; explored in N, Central & S Amer, RSA & Mada; IOS member 1961 & honorary member 1992; CSSA Fellow award 1993; spouse Monique [née

Debatty] Kroenlein;

Book [1988] *Plantes Succ* (Cactées et autres Plantes Grasses) Paris, France; French; 138p;

species nah:

(Gymnocalycium) **kroenleinii** (Argentina) (desc & nah by OF Ferrari, R Kiesling & W Rausch 2000 & disc by them 1987);

disc species:

(Cereus) **kroenleinii** [w R Kiesling] (Paraguay, Bolivia, Brazil) 1987 (desc & nah by NP Taylor 1995).

† **Kroesen**, Albert Carel Johan (5 Jun 1931–1999); Dutch chemical engineer & horticulturist; graduate at Delft Univ; worked as a researcher in Unilever industry; specialized in asclepiads;

Book [1987] *Checklist of Brachystelma R.Br., Ceropegia L., Riocreuxia Decne. & the I Genera of the Stapelieae s.s. (Asclepiadaceae)* [w C Boele & FKA Noltee] West Sussex, Eng; Eng; 185p,

[1990] *Supplement to the Checklist of Brachystelma, Ceropegia, Riocreuxia & the Stapelieae* [w C Boele & FKA Noltee] West Sussex, Eng; Eng; 38p.

† **Krohn**, Irwin Moses (Apr 1869–Dec 1948); US; member of Board of Park Commissioners, Eden Park, Cincinnati, Ohio 1912~; Eden Park greenhouse was rebuilt in 1933 & nah as Irwin M Krohn Conservatory in 1937; spouse Cora [née Fechheimer] Krohn (1872–1953);

Book [c1937] *Catalogue guide, Irwin M Krohn Conservatory Cactus House, Eden Park Cincinnati, Ohio*; Eng; 32p w 6 plates.

Kromdijk, G; Dutch horticulturist;

Book [1950] *Vetplanten en Cactussen* Joppe; Dutch; 172p + 20 color plates.

† **Krook**, JJ;

Book [1854] *Handboek tot de Kennis en Voortkweeking van Alle Bekende Cactus-Soorten, in Haren Ganschen Omvang* Amsterdam, Netherlands; Dutch; 132p + 21 wood-engraved plates,

[1855] *Handbuch zur Kenntnis, Fortpflanzung und Behandlung Aller bis Jetzt Bekannt Gewordenen Cacteen in Ihrem Ganzen Umfange* Amsterdam; Ger; 255p w 20 wood-engraved plates; (1993 reprint w 270p).



Kruger, Anna Maria; Bolivian botany student under M Cardenas;

species nah:

(Aylosteria) **krugerae** (Cochabamba) (desc & nah by M Cardenas 1957 & disc by AM Kruger 1954) —> **Rebutia krugerae** by C Backeberg 1959.



† **Krutch**, (Prof) (Dr) Joseph Wood (25 Nov 1893–22 May 1970); US literary naturalist; PhD at Columbia Univ c1917; prof at Columbia Univ, NYC 1937–53; member of first board meeting at Arizona-Sonora Desert Museum 1952; Joseph Wood Krutch Cactus Garden at Univ of Arizona nah 1980; spouse Marcelle [née Leguia] Krutch;

Book [1954] *The Voice of the Desert, A Naturalist's Interpretation* NY; Eng; 223p,

[1967] *Baja Calif & the Geography of Hope* [w photos by E Porter] San Francisco, Calif; Eng; 160p w 73 color plates.



† **Kuban**, (Dr) Joseph F, Jr (1950–4 Jun 2009); US biologist & musician; PhD at Syracuse Univ, NY 1989; prof of biology at Univ of Texas, Arlington 2001–2008; spouse Delane [née Bearden] Kuban (c1951–);

Book [1989] *The Pollination Biology of two Populations of the Big Bend Century Plant, Agave havardiana TREL.* Syracuse, NY; Eng; 187p; (PhD thesis).



† **Kudo**, [Kudô,] (Dr) Yûshun (1887–1932); {Kudo}; Japanese botanist; PhD at Tokyo Imperial Univ 1923; prof of science & agriculture at Taihoku Imperial (National Taiwan) Univ, Taiwan 1928~ & dir of bot garden & herbarium;

desc species:

(Kalanchoe) **garambiensis** (China, Taiwan) 1930,

(Sedum) **ishidae** [w K Miyabe] (Japan, Russian far east) 1921 (na B Ishida) —> **Rhodiola ishidae** by H Hara 1937.

Kuehne, Jens;

Book [2011] *Hoya* [w S Somadee] Witten, Ger; Ger; 96p.

Kulkarni, (Dr) Balwant Govind (1 Feb 1939–); India; worked for India government bot survey;

desc species:

(Ceropegia) **jainii** [w MY Ansari] (India) 1982 (na SK Jain).

Kumari, Gorti Raghawa [Raghava] (1929–); {Kumari};

desc species:

(Kalanchoe) **cherukondensis** [w GV Subba Rao] (India) 1978.

Kummel, Fritz; IOS member 1991;

Book [1986] *Sukkulenten-Lebenskunsler im Pflanzenreich* = "Sukkulenten (Life artist in the Pflanzenreich)" [w F Ebel & O Birnbaum] Halle, Ger; Ger; 100p,

[1987] *Winterharte Kakteen* [w K Klugling] Leipzig; 215p w 109 color photos.

† **Kummer**, Friedrich; Ger botanist in Bühlacker;

Book [1919] *Beitrage zur Anatomie und Systematik der Rhipsalideen* Tübingen, Ger; Ger; 55p; (thesis).

Kummert, Fritz;

Book [1975] *Das Grosse Buch der Zimmerpflanzen. Kakteen, Orchideen, Bromelien, Terrasse, Balkon, Wintergarten*; München, West Ger; Ger; 336p w 34 color photos.

Kunath, S;

Book [1990] *Stacheliges Allerlei (Kakteenbuch)* [w E Manke] Berlin, Ger; 112p.



Kundiger, [Kündiger,] Robert;

Book [1983] *Erfolg mit Kakteen* = "Success w Cactus" [w M Haude] Melsungen, Ger; Ger; 151p.



† **Kunkel**, (Dr) Günther Willi Hermann (26 Sep 1928–6 Aug 2007); Ger botanist & naturalist; to Canary Islands 1964 & later to Spain; explored w spouse in S Amer, Africa & Middle East; spouse Mary Anne [née Turner] Kunkel (1932–);

Book [1978] *Flora de Gran Canaria, Tomo III: Las Plantas Succulentas* Gran Canaria, La Palmas; 123p w 50 color plates; text by Gunther, print illustrations by spouse.

Kunst, CRG;

Book [1990] *Some Autecological Aspects of Opuntia imbricata (Haw.) DC (Cholla)*; 184p.

Kunte, Libor (1 Jul 1968–); Czech Rep horticulturist; explored in Mex 2002–04;

Book [2002] *Kaktusy Special 2 on Ariocarpus* [w V Sedivy] Czech Rep; Eng; 32p w 76 color photos; (translation to Eng by Petr Kovacs),

[2003] *The Complete Enc of Cacti* [w R Subik] Netherlands; Eng; 288p w 598 color photos,

[2005] *The Complete Encyclopedia of Succulents* [w Z Jezek] Lisse Netherlands; Eng; 303p.



† **Kunth**, Carl [Karl] Sigismund (18 Jun 1788–22 Mar 1850); {Kunth}; Ger botanist; student of CL von Willdenow at Berlin Univ; worked in Paris on plants collected by FWH Humboldt & Aimé Bonpland in S Amer & Mex 1813–29; prof of botany & dir of bot garden at Univ of Berlin 1829~; member of Academy of Sciences of Berlin 1829; he had a herbarium of over 60,000 specimens; part of **H.B.K.** designation team;

Book [1833–50] *Enumeratio Plantarum Omnium Hucusque Cognitarum, Secundum Familias Naturales Disposita, Adjectis Characteribus, Differentiis et Synonymis* Tübingen & Stuttgart; (in 5 Vols);

[1833] Vol 1; 606p;

[1835] Supplementum; 436p;

[1837] Vol 2; 592p;

[1841] Vol 3; 752p;

[1843] Vol 4; 752p;

[1850] Vol 5; 908p;

desc genus:

Beschorneria (Mex) 1850 (na FWC Beschorner),

Fouquieria (sw US, Mex) 1823 (na PE Fouquier),

Trachyandra (Cape) 1843;

desc species:

(Bombax) **ellipticum** (Honduras, Mex, Nicaragua, El Salvador, Guatemala, Haiti, Dominican Rep, Grenada, Cuba) 1821 —> **Pseudobombax ellipticum** by A Dugand 1943,
 (Cactus) **bleo** (Colombia, Panama) 1823 (disc by FWH von Humboldt & AJA Bonpland 1805)
 —> **Pereskia bleo** by AP de Candolle 1828,
 (Cactus) **chlorocarpus** (Peru) 1823 —> **Browningia chlorocarpa** by WT Marshall 1945,
 (Cactus) **icosagonus** (Ecuador, Peru) 1823 —> **Cleistocactus icosagonus** by R Roland-Gosselin 1904,
 (Cactus) **laetus** (Peru, Ecuador) 1823 —> **Armatoocereus laetus** by AW Hill 1938,
 (Cactus) **lanatus** (Ecuador, Peru) 1823 —> **Espostoa lanata** by NL Britton & JN Rose 1920,
 (Cactus) **micranthus** (Colombia, Costa Rica, Ecuador, Peru, Venezuela) 1823 —> **Rhipsalis micrantha** by AP de Candolle 1828,
 (Cactus) **sepium** (Ecuador) 1823 —> **Cleistocactus sepium** by R Roland-Gosselin 1904,
 (Chorisia) **insignis** (Ecuador, Brazil, Paraguay, Argentina, Peru) 1822 —> **Ceiba insignis** by PE Gibbs & J Semir 1988,
 (Cucurbita) **foetidissima** (US, Mex) 1817,
 (Elaphrium) **fagaroides** (n Mex to Oaxaca) 1824 —> **Bursera fagaroides** by HGA Engler 1881,
 (Ficus) **petiolaris** (Baja Calif to Chihuahua to Oaxaca) 1817,
 (Furcraea) **tubiflora** [w CD Bouche] (San Luis Potosi, Hidalgo) 1847 —> **Beschorneria tubiflora** by CS Kunth 1850,
 (Fouquieria) **formosa** (Mex) 1823,
 (Oxalis) **hedysaroides** (Venezuela, Colombia, Ecuador) 1822,
 (Oxalis) **peduncularis** (Ecuador, Peru) 1822,
 (Peperomia) **claytonioides** (Guatemala, El Salvador) 1847,
 (Peperomia) **congesta** (Peru) 1815,
 (Peperomia) **dolabriformis** (Peru) 1815,
 (Peperomia) **galioides** (n S Amer, Central Amer, Mex, West Indies) 1815,
 (Peperomia) **macrorhiza** (Peru) 1815,
 (Peperomia) **microphylla** (nw S Amer) 1815,
 (Phaedranassa) **multiflora** (Peru) 1850 —> **Rauhia multiflora** by PF Ravenna 1969,
 (Portulaca) **pusilla** (Venezuela) 1823,
 (Portulaca) **rubricaulis** (Florida, Mex, Central Amer, Caribbean, Venezuela, French Guiana) 1823,
 (Portulaca) **teretifolia** (Mex, Central Amer, Antillean Islands, Venezuela, Brazil) 1823,
 (Portulaca) **umbraticola** (Central & S Amer) 1823,
 (Pourretia) **platanifolia** (Panama to Peru) 1817 —> **Cavanillesia platanifolia** by KS Kunth 1822,
 (Sedum) **bicolor** (Venezuela, Colombia) 1823 —> **Echeveria bicolor** by EE Walther 1935,
 (Sedum) **moranense** (Mex) 1823,
 (Sedum) **oxypetalum** (Mex) 1823,
 (Sedum) **quitense** (Colombia, Ecuador) 1823 —> **Echeveria quitensis** by J Lindley 1852,
 (Talinum) **lineare** (Hidalgo, state of Mex) 1823,
 (Tradescantia) **cerinthoides** (Brazil) 1843,
 (Tradescantia) **warszewicziana** [w PC Bouche] (Mex, Guatemala) 1847 (na J Warszewicz) —> **Callisia warszewicziana** by DR Hunt 1983,
 (Urtica) **serpyllacea** (tropical S Amer) 1817 —> **Pilea serpyllacea** by FM Liebmann 1851,
 (Yucca) **acaulis** (Peru) 1816 —> **Furcraea acaulis** by B Ullrich 1992;
transfer species:
 "Anthericum ciliatum" (C von Linne *fil.* 1781) —> **Trachyandra ciliata** 1843,
 "Piper pereskiiifolia" (NJ von Jacquin 1786) —> **Peperomia pereskiiifolia** 1815,
 "Piper rotundifolium" (C Linnaeus 1753) —> **Peperomia rotundifolia** 1816.



† **Kuntze**, (Dr) Carl [Karl] Ernst [Eduard] **Otto** (23 Jun 1843–28 Jan 1907); {Kuntze}; Ger botanist, chemist, polemic nomenclatural reformer, & traveler; chemist in Leipzig attaining wealth by 1870; voyage around world 1874–76 & collected some 7,700 species of plants; PhD at Freiburg 1878; to Kew 1887–91; to S Amer 1891–92 & to RSA 1894; a hard fast reformer of bot nomenclature that created a lot of criticism concerning his work; A Carnegie obtained his herbarium collection for NY Bot Garden; spouse Helene [née Stahl] Kuntze;
Book [1891–98] *Revisio Generum Plantarum Vascularium Omnium Atque Sellularium Multarum Secundum* Leipzig, Ger;(in 3 Vols);

[1891] Vol 1; 374p;

[1891] Vol 2; 637p;

[1898] Vol 3; 576p;

desc genus:

Absolmsia (Malaysia) 1891 (na HMC Solms-Laubach);

species nah;

(Mesemb) **kuntzei** (Angola to Namibia) (desc & nah by H Schinz 1897) —> **Brownanthus kuntzei** by H-D Ihlenfeldt & V Bittrich 1985;

disc species:

(Echinocactus) **chrysacanthion** (Jujuy) 1892 (desc by KM Schumann 1898) —> **Parodia chrysacanthion** by C Backeberg 1935;

desc species:

(Aerva) **leubnitziae** (Namibia) 1886 (na E von Leubnitz) —> **Arthraerva leubnitziae** by H Schinz 1893,

(Aloe) **transvaalensis** 1898,

(Jacaratia) **corumbensis** (Mato Grosso do Sul, Bolivia, Paraguay, Argentina) 1898,

(Mesemb) **cradockense** (Western Cape, Eastern Cape) 1898 —> **Ruschia cradockensis** by HEK

Hartmann & D Stuber 1993,

(Mesemb) **pulvinatum** (Western Cape, Eastern Cape) 1898,

(Mesemb) **subspinosum** (Eastern Cape) 1898 —> **Drosanthemum subspinosum** by HEK Hartmann

2000,

(Sedum) **chilonense** (Bolivia) 1898 —> **Echeveria chilonensis** by EE Walther 1935,

(Sedum) **transvaalense** (Angola, Mozambique, Zimbabwe, Malawi, Lesotho, Swaziland, RSA, Namibia)

1898 —> **Crassula lanceolata** ssp **transvaalensis** by HR Tolken 1985;

transfer species:

"*Arostemma spartioides*" (G Bentham 1880) —> **Absolmsia spartioides** 1891,

"*Cotyledon purpusii*" (KM Schumann 1896) —> **Sedum purpusii** 1903,

"*Demidovia tetragonioides*" (PS von Pallas 1781) —> **Tetragonia tetragonioides** 1891.



† **Kunze**, (Prof) (Dr med) Gustav (4 Oct 1793–30 Apr 1851); {Kunze}; Ger physician & botanist; MD 1819, prof of medicine 1822–35, prof of botany 1835~ & dir of bot garden 1837~ at Univ of Leipzig, Ger;

desc species:

(Cyrtonema) **molle** (RSA) 1847 —> **Kedrostis mollis** by CA Cogniaux 1881.

Kunze, Henning (fl. 1994); {H.Kunze};

Book [1990] *Morphology & Evolution of the Corona in Asclepiadaceae & Related Families* Stuttgart, Ger; Ger; 51p;

desc species:

(Cibirhiza) **albersiana** [w U Meve & SL Liede] (Tanzania, Zambia) 1994 (na F Albers).

† **Kunze**, (Dr med) Richard Ernest (7 Apr 1838–1919); {R.E.Kunze}; Ger to US 1854; physician & cactus enthusiast; MD at Eclectic Medical College of NY 1868; collected cacti in Arizona for Haage Nursery, Ger c1900;

Book [1875] *Cactus: Its History, Classification, Proving & Therapeutical Application* NYC; Eng; 33p;

disc species:

(Opuntia) **kunzei** (Baja Calif, Sonora, Arizona) 1904 (desc & nah by JN Rose 1908) —> **Corynopuntia kunzei** by MP Griffith 2002.

Kupcak, [Kupcák,] Petr (22 Nov 1973–); Czech Rep nurseryman; owner of nursery *Kakteen Petr Kupcák*; interested in Cactaceae; explored in Bolivia, Argentina, Chile & Patagonia 2004; spouse Lenka Kupcak;

desc species:

(Coryphantha) **kracikii** [w JJ Halda, & J Chalupa] (Durango) 2002 (disc by H Swoboda 1982),

(Gymnocalycium) **miltii** [w JJ Halda, E Lukasik & J Sladkovsky] (San Luis) 2002 (disc by J Prochazka).

† **Kupicha**, Frances Kristina (1947–2013); {Kupicha}; British botanist; botanist at British Museum of Natural History; explored in Morocco & Malawi;

desc genus:

Miraglossum (RSA) 1984;

desc species:

(Aspidoglossum) **breve** (Tanzania, Malawi) 1984,

(Aspidoglossum) **crebrum** (Zimbabwe) 1984,

(Aspidoglossum) **demissum** (Natal) 1984,

(Aspidoglossum) **glabellum** (Zimbabwe) 1984,

(Aspidoglossum) **hirundo** (Mozambique) 1984,

(Aspidoglossum) **validum** (Mpumalanga) 1984,

(Miraglossum) **laeve** (Mpumalanga) 1984,

(Miraglossum) **superbum** (Natal) 1984,

(Schizoglossum) **hilliardiae** (Natal) 1984 (na OM Hilliard),

(Schizoglossum) **singulare** (Natal) 1984);

transfer species:

"Lagarinthus gracilis" (EHF Meyer 1838) —> **Aspidoglossum gracile** 1984,

"Lagarinthus virgatus" (EHF Meyer 1838) —> **Aspidoglossum virgatum** 1984,

"Schizoglossum anomalum" (NE Brown 1907) —> **Miraglossum anomalum** 1984,

"Schizoglossum araneiferum" (FRR Schlechter 1895) —> **Aspidoglossum araneiferum** 1984,

"Schizoglossum atrorubens" (FRR Schlechter 1894) —> **Shizoglossum bidens** ssp **atrorubens** 1984,

"Schizoglossum carinatum" (FRR Schlechter 1894) —> **Aspidoglossum carinatum** 1984,

"Schizoglossum davyi" (NE Brown 1907) —> **Miraglossum davyi** 1984,

"Schizoglossum delagoense" (FRR Schlechter 1896) —> **Aspidoglossum delagoense** 1984,

"Schizoglossum dissimile" (NE Brown 1907) —> **Aspidoglossum dissimile** 1984,

"Schizoglossum elliotii" (FRR Schlechter 1895) —> **Aspidoglossum elliotii** 1984,

"Schizoglossum eylesii" (SLM Moore 1914) —> **Aspidoglossum eylesii** 1984,

"Schizoglossum flanaganii" (FRR Schlechter 1894) —> **Aspidoglossum flanaganii** 1984,

"Schizoglossum galpinii" (FRR Schlechter 1894) —> **Shizoglossum bidens** ssp **galpinii** 1984,

"Schizoglossum glabrescens" (FRR Schlechter 1895) —> **Aspidoglossum glabrescens** 1984,

"Schizoglossum glanduliferum" (FRR Schlechter 1894) —> **Aspidoglossum glanduliferum** 1984,

"Schizoglossum grandiflorum" (FRR Schlechter 1894) —> **Aspidoglossum grandiflorum** 1984,
 "Schizoglossum lamellatum" (FRR Schlechter 1893) —> **Aspidoglossum lamellatum** 1984,
 "Schizoglossum lanatum" (AH Weimarck 1935) —> **Aspidoglossum lanatum** 1984.
 "Schizoglossum masaicum" (NE Brown 1895) —> **Aspidoglossum masaicum** 1984,
 "Schizoglossum nyasae" (JBritten & AB Rendle 1894) —> **Aspidoglossum nyasae** 1984,
 "Schizoglossum ovalifolium" (FRR Schlechter 1894) —> **Aspidoglossum ovalifolium** 1984,
 "Schizoglossum pachyglossum" (FRR Schlechter 1894) —> **Shizoglossum bidens** ssp **pachyglossum**

1984,

"Schizoglossum pilosum" (FRR Schlechter 1895) —> **Miraglossum pilosum** 1984,
 "Schizoglossum pulchellum" (FRR Schlechter 1894) —> **Miraglossum pulchellum** 1984,
 "Schizoglossum restioides" (FRR Schlechter 1893) —> **Aspidoglossum restioides** 1984,
 "Schizoglossum rhodesicum" (AH Weimarck 1935) —> **Aspidoglossum rhodesicum** 1984,
 "Schizoglossum tridentatum" (FRR Schlechter 1894) —> **Schizoglossum atropurpureum** ssp

tridentatum 1984,

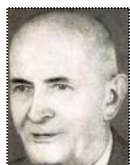
"Schizoglossum uncinatum" (NE Brown 1907) —> **Aspidoglossum uncinatum** 1984,
 "Schizoglossum verticillare" (FRR Schlechter 1895) —> **Miraglossum verticillare** 1984,
 "Schizoglossum virens" (EHF Meyer 1838) —> **Schizoglossum atropurpureum** ssp **virens** 1984,
 "Schizoglossum woodii" (FRR Schlechter 1895) —> **Aspidoglossum woodii** 1984;

desc subsp:

(Schizoglossum bidens ssp) **gracile** (Eastern Cape) 1984,
 (Schizoglossum bidens ssp) **hirtum** (Eastern Cape, Natal) 1984,
 (Schizoglossum elingue ssp) **purpureum** (Eastern Cape, Natal, Lesotho) 1984,
 (Schizoglossum stenoglossum ssp) **latifolium** (Natal, Free State, Mpumalanga) 1984;

transfer variety:

"Schizoglossum decipiens var flavum" (NE Brown 1909) —> **Schizoglossum stenoglossum** ssp **flavum** 1984,
 "Schizoglossum pachyglossum var productum" (NE Brown 1907) —> **Schizoglossum bidens** ssp **productum** 1984.



†**Kupper**, Walter (25 Nov 1874–13 Dec 1953); {Kupp.}; Swiss to Ger botanist; prof at München-Nymphenburg & curator of bot garden;
Book [1928] *Das Kakteenbuch* Berlin, Ger; Ger; 201p w 175 color photos,
 [1954] *Kakteen* Zurich, Switzerland; Ger; 127p w 60 paintings by Pia Roshardt; (*Cacti* translation into Eng by V Higgins, London, Eng 1960 w 127p);

species nah:

(Rebutia) **kupperiana** (Argentina, Bolivia) (desc & nah by F Boedeker 1932 & disc by F Ritter 1931)
 ,—> **Rebutia deminuta** ssp **kupperiana** by ML Hjertson 2003;

desc species:

(Cephalocereus) **guentheri** (Bolivia) 1931 (disc by C Troll 1927 & na E Gunther) —> **Espostoa guentheri** by F Buxbaum 1959,
 (Cereus) **trollii** (Bolivia, Argentina) 1929 (disc by C Troll 1927 & nah) —> **Oreocereus trollii** by C Backeberg 1929.

Kupris, Bronnie;

Book [1977] C&S NYC; Eng; 64p.

Kurnakov, H;

Book [1953] *Kaktusy I ich Kultura v. Komnatnykh Uslovijach* [w BM Djakonov] Leningrad, Russia; Russian; 68p + 40 plates,

[1953] '*Cactaceae*' [w BM Diakonov] Leningrad, Russia; 68p.



† **Kurtz**, (Prof) (Dr) Federico [**Fritz**, Friedrich] (1854–1920); {Kurtz}; Ger botanist & palaeobotanist; PhD at Univ of Berlin 1879; to Argentina 1884; prof of botany at National Univ of Córdoba, Argentina 1884–1915; Argentinian bot journal *Kurtziana* nah;

species nah:

(Anacampseros) **kurtzii** (Argentina) (desc & nah by NM Bacigalupo 1990) —> **Grahamia kurtzii** by GD Rowley 1994.

† **Kurz**, Wilhelm **Sulpiz** (5 May 1834–15 Jan 1878); {Kurz}; Ger botanist; student of CFP von Martius; in Dutch East Indian army 1856–58 & at Buitenzorg 1859–63; curator at herbarium in Calcutta, India 1864~; collected in Andaman Islands & India;

desc species:

(Euphorbia) **epiphylloides** (India) 1873.



Kurzweil, (Dr) Hubert (1958–); {Kurzweil}; Austria to RSA 20 yrs to Singapore 2006; herbarium taxonomist at Singapore Bot Garden; orchid specialist;

Book [1998] *Mesembs of the World — Illustrated Guide to a Remarkable Succ Group* [w GF Smith, P Chesselet, EJ van Jaarsveld, HEK Hartmann, SA Hammer, B van Wyk, P Burgoyne & C Klak] Pretoria, RSA; Eng; 405p.

Kusakabe, I;

Book [1979] *Cacti, Succ & Insectivorous Plants* [w H Hirao] Tokyo, Japan; Japanese; 128p.

† **Kychicus**, [Kik, Kick, Kickius, Kichius, Kychious, Kytchious] Everhardus [Everhard] (fl. 1703–1705); Dutch artist; one of primary artists commissioned by Mary Somerset (1630–1715), the first Duchess of Beaufort, Badminton, Eng; (see also G Cottesloe);

Book [1703–05] *The Badminton Florilegium*; Vol 1; paintings by E Kychicus; Vol 2; by other artists; (some 50 paintings of succ).

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